



D.T.E. 03-118

**Cambridge Electric Light Company
Commonwealth Electric Company**

2003 Reconciliation of the

- ❖ **Transition Charge**
- ❖ **Transmission Charge**
- ❖ **Standard Offer Charge**
- ❖ **Default Service Charge**

December 2003

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December 3, 2003

Hand Delivered

Mary L. Cottrell, Secretary
Department of Telecommunications and Energy
One South Station, 2nd Floor
Boston, Massachusetts 02110

Re: D.T.E. 03-118, Cambridge Electric Light Company and Commonwealth
Electric Company – 2003 Reconciliation Filing

Dear Secretary Cottrell:

Cambridge Electric Light Company (“Cambridge”) and Commonwealth Electric Company (“Commonwealth”) (together, the “Companies”) hereby submit an original and nine (9) copies of their 2003 Transition Cost Reconciliation Filing (the “Filing”). The Filing is being made in accordance with the requirements of G.L. c. 164, § 1A(a), 220 C.M.R. 11.03(4)(e), and the Restructuring Plan approved by the Department of Telecommunications and Energy (the “Department”) in Cambridge Electric Light Company/Commonwealth Electric Company, D.P.U./D.T.E. 97-111 (1998).

Included with the Filing is a reconciliation of 2003 Transition, Transmission, Standard Offer and Default Service costs and revenues along with proposed updated charges and tariffs to be effective January 1, 2004. In order to comply with statutory rate reduction requirements and the Department’s rate design directives, there are minor adjustments to distribution rates in some rate schedules. The primary changes in rates included with this filing are reflected in the following table:

DISTRIBUTION COMPANY	2003 (\$ per kWh)	2004 (\$ per kWh)
Cambridge Electric Light Company		
Transition Charge	\$0.00200	\$0.00253
Transmission Charge	\$0.01976	\$0.01427
Standard Offer Charge	\$0.04700	\$0.05100
Energy Efficiency	\$0.00250	\$0.00250
Renewables	\$0.00050	\$0.00050
Default Service Adjustment	\$0.00160	\$0.00265
Commonwealth Electric Company		
Transition Charge	\$0.02749	\$0.02027
Transmission Charge	\$0.00517	\$0.00683
Standard Offer Charge	\$0.04700	\$0.05100
Energy Efficiency	\$0.00250	\$0.00250
Renewables	\$0.00050	\$0.00050
Default Service Adjustment	\$0.00000	\$0.00440

This filing substantially follows the methodology set forth in the Companies' previous annual true-up filings in D.T.E. 02-80B.

Consistent with previous reconciliation filings, this filing includes part-actual/part-forecast data for 2003. As with last year's filings, the Companies propose to update this filing in the spring of 2004, to provide year-end data and to allow a final reconciliation for 2003.

In accordance with the Restructuring Plan and applicable provisions of the Electric Restructuring Act, Cambridge and Commonwealth request approval of the tariffs set forth in Attachment A, effective January 1, 2004. The Companies are filing on this date their Standard Offer Service tariffs under separate cover because they are including changes to the respective Standard Offer Service Fuel Adjustment factors.

In support of the Companies' Transition Charge Reconciliation Filing, and the accompanying proposed tariff changes, Cambridge and Commonwealth have enclosed the prefiled testimony and exhibits of Joseph F. Lanzel and Henry C. LaMontagne. Mr. Lanzel's testimony provides a description of the methodology used by Companies to reconcile the forecast of Transition Charge revenues and costs, as well as Transmission, Standard Offer and Default Service costs and revenues. Mr. LaMontagne's testimony describes the proposed rate changes, how the reconciled Transition Charges will be implemented and what their impact will be on customers' bills. Mr. LaMontagne also provides an exhibit showing the proposed tariff changes in redlined format showing changes from current tariffs.

Letter to Secretary Cottrell
D.T.E. 03-118
December 3, 2003
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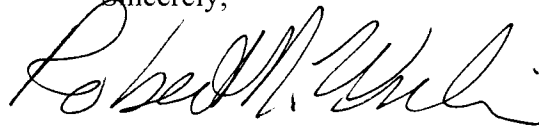
Any correspondence with regard to this filing should be directed to the following:

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Thank you for your attention to this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert N. Werlin", written in a cursive style.

Robert N. Werlin

Enclosures

cc: Caroline Bulger, Hearing Officer
Service List, D.T.E. 02-80B

Proposed Tariffs

M.D.T.E. No.	Cambridge Electric Light Company Rate Schedule	M.D.T.E. No.	Commonwealth Electric Company Rate Schedule
220A	Residential Rate R-1	320A	Residential Rate R-1
221A	Residential Assistance Rate R-2	321A	Residential Assistance Rate R-2
222A	Residential Space Heating Rate R-3	322A	Residential Space Heating Rate R-3
223A	Residential Assistance Space Heating Rate R-4	323A	Residential Assistance Space Heating Rate R-4
224A	Optional Residential Time-of-Use Rate R-5	324A	Controlled Water Heating (Closed) Rate R-5
225A	Optional Residential Space Heating Time-of-Use Rate R-6	325A	Optional Residential Time-of-Use Rate R-6
230A	General Service Rate G-0 (Non-Demand)	330A	General Service Rate G-1
231A	General Service Rate G-1	331A	Medium General Time-of-Use Rate G-2
232A	General Time-of-Use/Secondary Service Rate G-2	332A	Large General Time-of-Use Rate G-3
233A	General Time-of-Use/13.8 kV Service Rate G-3	333A	General Power Rate G-4 (Closed)
234A	Optional General Time-of-Use Rate G-4	334A	Commercial Space Heating (Closed) Rate G-5
235A	Commercial Space Heating (Closed) Rate G-5	335A	All Electric School Rate G-6 (Closed)
236A	Optional General Time-of-Use Rate G-6 (Non-Demand)	336A	Optional Time-of-Use Rate G-7
240A	Outdoor Lighting Rate S-1	340A	Outdoor Lighting Rate S-1
237A	Standby Service/13.8 kV Rate SB-1	341B	Street Lighting-Customer Owned Rate S-2
238A	Maintenance Service/13.8 kV Rate MS-1	304A	Default Service Adjustment
239A	Supplemental Service/13.8 kV Rate SS-1		
204A	Default Service Adjustment		

RESIDENTIAL

RATE R-1

AVAILABILITY

This rate is available for all domestic uses in a single private dwelling, in an individual apartment or in a residential condominium in which the principal means of heating the premises is not provided by permanently installed electric space heating equipment. Service under this rate to residential condominiums is available to the extent permitted by applicable regulations of the Massachusetts Department of Telecommunications and Energy. Service under this rate to any Customer is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be single-phase at approximately 120/240 or 120/208 volts.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$7.57 per month
Distribution:	2.708 cents per kilowatt-hour
Transition:	0.251 cents per kilowatt-hour
Transmission:	1.683 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer:	As in effect per Tariff
Default Service:	As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

**Issued by: Thomas J. May
President**

**Filed: December 3, 2003
Effective: January 1, 2004**

RESIDENTIAL ASSISTANCE

RATE R-2

AVAILABILITY

Upon written application, this rate is available to any Customer who meets the qualifications stated in the special provisions section of this rate for all domestic uses in a single private dwelling, in an individual apartment or in a condominium in which the principal means of heating the premises is not provided by permanently installed electric space heating equipment. Service under this rate to residential condominiums is available to the extent permitted by applicable regulations of the Massachusetts Department of Telecommunications and Energy (the "M.D.T.E."). Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

The Company will guarantee the Customer's payment to its designated supplier up to the prices that the Company charges to Customers for Standard Offer Service in accordance with the regulations established by the M.D.T.E. at 220 C.M.R. 11.05(3)(c).

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be single-phase at approximately 120/240 or 120/208 volts.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$4.97	per month
Distribution:	0.327	cents per kilowatt-hour
Transition:	0.250	cents per kilowatt-hour
Transmission:	1.683	cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer:	As in effect per Tariff
Default Service:	As in effect per Tariff

**Issued by: Thomas J. May
President**

**Filed: December 3, 2003
Effective: January 1, 2004**

RESIDENTIAL ASSISTANCE

RATE R-2

RATE PER MONTH (continued)

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

STANDARD OFFER SERVICE

Standard Offer Service is available under this tariff for existing or new Customers who have not yet chosen a supplier other than the Company on or after the retail access date, when retail choice becomes available to all customers. A Standard Offer Service Customer will pay the Rate for Standard Offer Service set forth above in addition to the Rates for Retail Delivery Service. Anytime after the retail access date, if the Customer has selected an energy supplier other than the Company, the Customer may elect to return to Standard Offer Service by so notifying the Company.

DEFAULT SERVICE

Any Customer who is not receiving Standard Offer Service, and does not have a current supplier, will receive Default Service from the Company in accordance with the terms and price for Default Service as approved by the M.D.T.E. A Customer under this rate shall be transferred upon request from Default Service to Standard Offer Service at any time in accordance with the preceding section.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

**Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment**

**Issued by: Thomas J. May
President**

**Filed: December 3, 2003
Effective: January 1, 2004**

RESIDENTIAL ASSISTANCE

RATE R-2

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

SPECIAL PROVISIONS

- (1) A Customer will be eligible for this rate upon verification of a Customer's eligibility for the low-income home energy assistance program, or its successor program, or verification of a Customer's receipt of any means tested public benefit, for which eligibility does not exceed 175 percent of the federal poverty level based on a household's gross income, or other criteria approved by the M.D.T.E..
- (2) Customers who qualify for this rate shall be required each year to certify their continuing compliance with the terms hereof.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service shall continue until terminated on 3 business days' notice by the Customer.

Issued by: Thomas J. May
President

Filed: December 3, 2003
Effective: January 1, 2004

RESIDENTIAL SPACE HEATING

RATE R-3

AVAILABILITY

This rate is available for all domestic uses in a single private dwelling, in an individual apartment or in a residential condominium in which the principal means of heating the premises is provided by permanently installed electric space heating equipment. Service under this rate to residential condominiums is available to the extent permitted by applicable regulations of the Massachusetts Department of Telecommunications and Energy. Service under this rate to any Customer is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be single-phase at approximately 120/240 or 120/208 volts.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$8.57 per month
Distribution:	3.209 cents per kilowatt-hour
Transition:	0.250 cents per kilowatt-hour
Transmission:	1.980 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer:	As in effect per Tariff
Default Service:	As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

**Issued by: Thomas J. May
President**

**Filed: December 3, 2003
Effective: January 1, 2004**

RESIDENTIAL SPACE HEATING

RATE R-3

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service shall continue until terminated on 3 business days' notice by the Customer.

Issued by: Thomas J. May
President

Filed: December 3, 2003
Effective: January 1, 2004

RESIDENTIAL ASSISTANCE SPACE HEATING

RATE R-4

AVAILABILITY

Upon written application, this rate is available to any Customer meeting the qualifications stated in the special provisions section of this rate for all domestic uses in a single private dwelling, in an individual apartment or in a condominium in which the principal means of heating the premises is provided by permanently installed electric space heating equipment. Service under this rate to residential condominiums is available to the extent permitted by applicable regulations of the Massachusetts Department of Telecommunications and Energy (the "M.D.T.E."). Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

The Company will guarantee the Customer's payment to its designated supplier up to the prices that the Company charges to Customers for Standard Offer Service in accordance with the regulations established by the Department.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be single-phase at approximately 120/240 or 120/208 volts.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$5.62	per month
Distribution:	0.549	cents per kilowatt-hour
Transition:	0.249	cents per kilowatt-hour
Transmission:	1.980	cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer:	As in effect per Tariff
Default Service:	As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

**Issued by: Thomas J. May
President**

**Filed: December 3, 2003
Effective: January 1, 2004**

RESIDENTIAL ASSISTANCE SPACE HEATING

RATE R-4

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

SPECIAL PROVISIONS

- (1) A Customer will be eligible for this rate upon verification of a Customer's eligibility for the low-income home energy assistance program, or its successor program, or verification of a Customer's receipt of any means tested public benefit, for which eligibility does not exceed 175 percent of the federal poverty level based on a household's gross income, or other criteria approved by the M.D.T.E..
- (2) Customers who qualify for this rate shall be required each year to certify their continuing compliance with the terms hereof.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service shall continue until terminated on 3 business days' notice by the Customer.

Issued by: Thomas J. May
President

Filed: December 3, 2003
Effective: January 1, 2004

OPTIONAL RESIDENTIAL TIME-OF-USE

RATE R-5

RATE PER MONTH (continued)

Supplier Services: (Optional)

Standard Offer:	As in effect per Tariff
Default Service:	As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

- Transition Cost Adjustment
- Transmission Service Cost Adjustment
- Pension Adjustment
- Energy Efficiency Charge
- Renewable Energy Charge
- Default Service Adjustment

BILLING PERIODS

Peak Load Period:

During that portion of the year when eastern daylight savings time is in effect, the period beginning at 9:00 a.m. and ending at 6:00 p.m. on all weekdays, Monday through Friday.

During that portion of the year when eastern standard time is in effect, the period beginning at 4:00 p.m. and ending at 9:00 p.m. on all weekdays, Monday through Friday.

Low Load Period:

All hours not included in the Peak Load Period.

Issued by: Thomas J. May
President

Filed: December 3, 2003
Effective: January 1, 2004

OPTIONAL RESIDENTIAL TIME-OF-USE

RATE R-5

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 12 consecutive months and shall continue thereafter until terminated on 30 days' written notice by the Customer.

Issued by: Thomas J. May
President

Filed: December 3, 2003
Effective: January 1, 2004

OPTIONAL RESIDENTIAL SPACE HEATING TIME-OF-USE

RATE R-6

RATE PER MONTH (continued)

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

BILLING PERIODS

Peak Load Period:

During that portion of the year when eastern daylight savings time is in effect, the period beginning at 9:00 a.m. and ending at 6:00 p.m. on all weekdays, Monday through Friday.

During that portion of the year when eastern standard time is in effect, the period beginning at 4:00 p.m. and ending at 9:00 p.m. on all weekdays, Monday through Friday.

Low Load Period:

All hours not included in the Peak Load Period.

**Issued by: Thomas J. May
President**

**Filed: December 3, 2003
Effective: January 1, 2004**

OPTIONAL RESIDENTIAL SPACE HEATING TIME-OF-USE

RATE R-6

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 12 consecutive months and shall continue thereafter until terminated on 30 days' written notice by the Customer.

Issued by: Thomas J. May
President

Filed: December 3, 2003
Effective: January 1, 2004

GENERAL (NON-DEMAND)

RATE G-0

AVAILABILITY

This rate is available for all non-residential uses of electricity to all Customers whose load for billing purposes does not exceed or is estimated not to exceed 10 kilowatts in any three (3) consecutive billing months. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be either single-phase at approximately 120/240 or 120/208 volts or three-phase at approximately 120/208 or 277/480 volts. In addition, the Company will provide service at approximately 575 volts to service locations existing prior to December 1, 1987.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$5.09 per month
Distribution:	2.324 cents per kilowatt-hour
Transition:	0.252 cents per kilowatt-hour
Transmission:	1.578 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer:	As in effect per Tariff
Default Service:	As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

**Issued by: Thomas J. May
President**

**Filed: December 3, 2003
Effective: January 1, 2004**

GENERAL (NON-DEMAND)

RATE G-0

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service shall continue until terminated on 3 business days' written notice by the Customer.

Except for Customers engaging in net metering, Customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of March 1, 1995.

Issued by: Thomas J. May
President

Filed: December 3, 2003
Effective: January 1, 2004

GENERAL

RATE G-1

AVAILABILITY

This rate is available for all non-residential uses of electricity to all Customers whose load for billing purposes is or is estimated to be greater than 10 kilowatts for three consecutive billing months but not greater than 100 kilowatts in each of 12 consecutive billing months. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be either single-phase at approximately 120/240 or 120/208 volts or three-phase at approximately 120/208 or 277/480 volts. In addition, the Company will provide service at approximately 575 volts to service locations existing prior to December 1, 1987.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$8.07	per month
Distribution (Demand):		
First 10 kilowatts	\$3.33	per kilowatt
Over 10 kilowatts	\$6.91	per kilowatt
Transition (Demand):	\$1.07	per kilowatt
Transmission (Demand):	\$4.69	per kilowatt

Supplier Services: (Optional)

Standard Offer:	As in effect per Tariff
Default Service:	As in effect per Tariff

**Issued by: Thomas J. May
President**

**Filed: December 3, 2003
Effective: January 1, 2004**

GENERAL

RATE G-1

RATE PER MONTH (continued)

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

**Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment**

DETERMINATION OF BILLING DEMAND

The demand for billing purposes shall be the highest 15-minute demand in kilowatts established during the billing month as measured on a suitable meter or as determined by any other accepted method, at the option of the Company. The demand shall be determined to the nearest whole kilowatt.

The demand shall be measured whenever the Customer's load is known or estimated to be 10 kilowatts or more as determined by the Company.

SPECIAL EQUIPMENT

Where Customers have connected to the Company's service welding apparatus, high frequency devices or other equipment of a nature to create high momentary loads and where the operation of such equipment is, in the Company's opinion, detrimental to the Company's service, a charge at the rate of \$5.95 per month per kilowatt or fraction thereof of installed capacity of such equipment will apply and will be added to the monthly bill. The installed capacities of such equipment will be determined from manufacturer's nameplate ratings or by measurement, at the option of the Company. Welding apparatus supplied through motor generators will not be considered in the application of this provision.

**Issued by: Thomas J. May
President**

**Filed: December 3, 2003
Effective: January 1, 2004**

GENERAL

RATE G-1

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service shall continue until terminated on 3 business days' written notice by the Customer.

Except for Customers engaging in net metering, customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of March 1, 1995.

Issued by: Thomas J. May
President

Filed: December 3, 2003
Effective: January 1, 2004

**LARGE GENERAL TIME-OF-USE
SECONDARY SERVICE**

RATE G-2

AVAILABILITY

This rate is available for all uses of electricity to Customers whose metered load exceeds or is estimated to exceed 100 kilowatts for at least 12 consecutive billing months. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, three-phase, alternating current service at either secondary or primary voltages under this rate schedule. As available and at the Company's option, such service shall be supplied at approximately 120/208, 277/480 or 2400/4160 volts. In addition, the Company will provide service at approximately 575 volts to service locations existing prior to December 1, 1987.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$99.40	per month
Distribution (Demand):		
First 100 kilovolt-amperes	\$ 0.00	per kilovolt-ampere
Over 100 kilovolt-amperes	\$ 4.62	per kilovolt-ampere
Distribution (Energy):		
Peak Load Period	0.556	cents per kilowatt-hour
Transition (Demand):	\$ 1.16	per kilovolt-ampere
Transition (Energy):		
Peak Load Period	0.046	cents per kilowatt-hour
Transmission (Demand):		
First 100 kilovolt-amperes	\$ 5.65	per kilovolt-ampere
Over 100 kilovolt-amperes	\$ 5.65	per kilovolt-ampere

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President**

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**LARGE GENERAL TIME-OF-USE
SECONDARY SERVICE**

RATE G-2

RATE PER MONTH (continued)

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

**Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment**

PRIMARY SERVICE

When the Customer takes service at the Company's available primary voltage (2400/4160 volts) and furnishes and maintains the necessary transforming, switching and protective equipment, a discount of three percent (3%) will apply to the delivery rates specified above.

When the Company meters electricity at primary voltage to a Customer taking primary voltage service, a discount of two percent (2%) will apply to the bill amount determined under all of the foregoing provisions of this rate schedule.

DETERMINATION OF BILLING DEMAND

The demand for billing purposes shall be the highest 15-minute demand in kilovolt-amperes established during the Peak Load Period of the billing month as measured on a suitable meter or as determined by any other accepted method, at the option of the Company, but shall not be less than 47% of the maximum 15-minute demand in kilovolt-amperes established during any billing period of the billing month.

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LARGE GENERAL TIME-OF-USE
SECONDARY SERVICE

RATE G-2

BILLING PERIODS

Peak Load Period:

During that portion of the year when eastern daylight savings time is in effect, the period beginning at 9:00 a.m. and ending at 6:00 p.m. on all weekdays, Monday through Friday.

During that portion of the year when eastern standard time is in effect, the period beginning at 4:00 p.m. and ending at 9:00 p.m. on all weekdays, Monday through Friday.

Low Load Period:

All hours not included in the Peak Load Period. The Low Load Period shall be further divided into 2 separate time periods as follows:

Low Load Period A:

All hours not included in the Peak Load Period or Low Load Period B.

Low Load Period B:

During both eastern daylight savings time and eastern standard time, the period beginning at 10:00 p.m. and ending at 7:00 a.m. on all weekdays, Monday through Friday, and all hours on Saturday and Sunday.

SPECIAL EQUIPMENT

Where Customers have connected to the Company's service welding apparatus, high frequency devices or other equipment of a nature to create high momentary loads and where the operation of such equipment is, in the Company's opinion, detrimental to the Company's service, a charge at the rate of \$5.85 per month per kilovolt-ampere or fraction thereof of installed capacity of such equipment will apply and will be added to the monthly bill. The installed capacities of such equipment will be determined from manufacturer's nameplate ratings or by measurement, at the option of the Company. Welding apparatus supplied through motor generators will not be considered in the application of this provision.

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LARGE GENERAL TIME-OF-USE
SECONDARY SERVICE

RATE G-2

SPECIAL PROVISION

Upon the request of a Customer, the Company may elect to supply service under this rate at approximately 13,800 volts at temporary service locations only.

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 12 consecutive months and shall continue thereafter until terminated on six months' written notice by the Customer.

Except for Customers engaging in net metering, Customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of March 1, 1995.

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**LARGE GENERAL TIME-OF-USE
13.8 KV SERVICE**

RATE G-3

AVAILABILITY

This rate is available for all uses of electricity to Customers whose metered load exceeds or is estimated to exceed 100 kilowatts for at least 12 consecutive billing months. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, three-phase, alternating current service at primary voltage under this rate schedule. As available and at the Company's option, such service shall be supplied at approximately 13,800 volts.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$99.40 per month
Distribution (Demand):	
First 100 kilovolt-amperes	No Charge
Over 100 kilovolt-amperes	\$ 0.45 per kilovolt-ampere
Transition (Demand):	
First 100 kilovolt-amperes	\$ 110.00
Over 100 kilovolt-amperes	\$ 1.10 per kilovolt-ampere
Transmission (Demand):	
First 100 kilovolt-amperes	\$ 510.00
Over 100 kilovolt-amperes	\$ 5.70 per kilovolt-ampere

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LARGE GENERAL TIME-OF-USE
13.8 KV SERVICE

RATE G-3

RATE PER MONTH (continued)

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

DETERMINATION OF BILLING DEMAND

The demand for billing purposes shall be the highest 15-minute demand in kilovolt-amperes established during the Peak Load Period of the billing month as measured on a suitable meter or as determined by any other accepted method, at the option of the Company, but shall not be less than 26% of the maximum 15-minute demand in kilovolt-amperes established during any billing period of the billing month.

BILLING PERIODS

Peak Load Period:

During that portion of the year when eastern daylight savings time is in effect, the period beginning at 9:00 a.m. and ending at 6:00 p.m. on all weekdays, Monday through Friday.

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LARGE GENERAL TIME-OF-USE
13.8 KV SERVICE

RATE G-3

BILLING PERIODS (continued)

Peak Load Period:

During that portion of the year when eastern standard time is in effect, the period beginning at 4:00 p.m. and ending at 9:00 p.m. on all weekdays, Monday through Friday.

Low Load Period:

All hours not included in the Peak Load Period. The Low Load Period shall be further divided into 2 separate time periods as follows:

Low Load Period A:

All hours not included in the Peak Load Period or Low Load Period B.

Low Load Period B:

During both eastern daylight savings time and eastern standard time, the period beginning at 10:00 p.m. and ending at 7:00 a.m. on all weekdays, Monday through Friday, and all hours on Saturday and Sunday.

SPECIAL EQUIPMENT

Where Customers have connected to the Company's service welding apparatus, high frequency devices or other equipment of a nature to create high momentary loads and where the operation of such equipment is, in the Company's opinion, detrimental to the Company's service, a charge at the rate of \$2.47 per month per kilovolt-ampere or fraction thereof of installed capacity of such equipment will apply and will be added to the monthly bill. The installed capacities of such equipment will be determined from manufacturer's nameplate ratings or by measurement, at the option of the Company. Welding apparatus supplied through motor generators will not be considered in the application of this provision.

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LARGE GENERAL TIME-OF-USE
13.8 KV SERVICE

RATE G-3

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 12 consecutive months and shall continue thereafter until terminated on six months' written notice by the Customer.

Except for Customers engaging in net metering, Customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of March 1, 1995.

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OPTIONAL GENERAL TIME-OF-USE

RATE G-4

AVAILABILITY

Upon written application and the execution of an electric service agreement, this rate is available for all non-residential uses of electricity to Customers who take all of their electric service through a single meter, subject to the availability of time-of-use meters as determined by the Company. This rate is not available when Customer's load for billing purposes either exceeds or is estimated to exceed 100 kilowatts in each of 12 consecutive billing months. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be either single-phase at approximately 120/240 or 120/208 volts or three-phase at approximately 120/208 or 277/480 volts. In addition, the Company will provide service at approximately 575 volts to service locations existing prior to December 1, 1987.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$ 12.04	per month
Distribution (Demand):		
Peak Load Period	\$ 4.98	per kilowatt
Distribution (Energy):		
Peak Load Period	0.254	cents per kilowatt-hour
Transition (Demand):	\$0.86	per kilowatt
Transmission (Demand):		
Peak Load Period	\$ 4.59	per kilowatt

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OPTIONAL GENERAL TIME-OF-USE

RATE G-4

RATE PER MONTH (continued)

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

DETERMINATION OF BILLING DEMAND

The demand for billing purposes shall be the highest 15-minute demand in kilowatts established during the Peak Load Period of the billing month as measured on a suitable meter or as determined by any other accepted method, at the option of the Company. The demand shall be determined to the nearest whole kilowatt.

BILLING PERIODS

Peak Load Period:

During that portion of the year when eastern daylight savings time is in effect, the period beginning at 9:00 a.m. and ending at 6:00 p.m. on all weekdays, Monday through Friday.

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OPTIONAL GENERAL TIME-OF-USE

RATE G-4

BILLING PERIODS (continued)

Peak Load Period:

During that portion of the year when eastern standard time is in effect, the period beginning at 4:00 p.m. and ending at 9:00 p.m. on all weekdays, Monday through Friday.

Low Load Period:

All hours not included in the Peak Load Period.

SPECIAL EQUIPMENT

Where Customers have connected to the Company's service welding apparatus, high frequency devices or other equipment of a nature to create high momentary loads and where the operation of such equipment is, in the Company's opinion, detrimental to the Company's service, a charge at the rate of \$5.95 per month per kilowatt or fraction thereof of installed capacity of such equipment will apply and will be added to the monthly bill. The installed capacities of such equipment will be determined from manufacturer's nameplate ratings or by measurement, at the option of the Company. Welding apparatus supplied through motor generators will not be considered in the application of this provision.

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

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OPTIONAL GENERAL TIME-OF-USE

RATE G-4

TERM

Service under this rate shall be for a minimum term of 12 consecutive months and shall continue thereafter until terminated on 30 days' written notice by the Customer.

Except for Customers engaging in net metering, Customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of March 1, 1995.

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COMMERCIAL SPACE HEATING

**RATE G-5
(Closed)**

AVAILABILITY

This rate is available only at existing service locations to Customers who were taking service hereunder prior to December 1, 1985 for electric space heating through a separate meter where electricity is the sole means of heating the premises. All space heating equipment shall be permanently installed. Heat pumps may be used for both heating and air conditioning. Incidental water heating, not including central kitchen or laundry use, may be included in this service at the Company's option. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be either single-phase at approximately 120/240 or 120/208 volts or three-phase at approximately 120/208 or 277/480 volts.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$7.94 per month
Distribution:	
First 5,000 kilowatt-hours	0.477 cents per kilowatt-hour
Over 5,000 kilowatt-hours	1.007 cents per kilowatt-hour
Transition:	0.250 cents per kilowatt-hour
Transmission:	
First 5,000 kilowatt-hours	1.475 cents per kilowatt-hour
Over 5,000 kilowatt-hours	2.076 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer:	As in effect per Tariff
Default Service:	As in effect per Tariff

COMMERCIAL SPACE HEATING

**RATE G-5
(Closed)**

RATE PER MONTH (continued)

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service shall continue until terminated on 3 business days' written notice by the Customer.

Except for Customers engaging in net metering, Customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of March 1, 1995.

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OPTIONAL GENERAL TIME-OF-USE (NON-DEMAND)

RATE G-6

AVAILABILITY

Upon written application and the execution of an electric service agreement, this rate is available for all non-residential uses of electricity to Customers who take all of their electric service through a single meter, subject to the availability of time-of-use meters as determined by the Company. This rate is not available when Customer's load for billing purposes either exceeds or is estimated to exceed 10 kilowatts in any 3 consecutive billing months. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be either single-phase at approximately 120/240 or 120/208 volts or three-phase at approximately 120/208 or 277/480 volts. In addition, the Company will provide service at approximately 575 volts to service locations existing prior to December 1, 1987.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$ 9.06 per month
Distribution:	
Peak Load Period	7.883 cents per kilowatt-hour
Transition:	
Peak Load Period	0.857 cents per kilowatt-hour
Transmission:	
Peak Load Period	5.350 cents per kilowatt-hour

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OPTIONAL GENERAL TIME-OF-USE (NON-DEMAND)

RATE G-6

RATE PER MONTH (continued)

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

BILLING PERIODS

Peak Load Period:

During that portion of the year when eastern daylight savings time is in effect, the period beginning at 9:00 a.m. and ending at 6:00 p.m. on all weekdays, Monday through Friday.

During that portion of the year when eastern standard time is in effect, the period beginning at 4:00 p.m. and ending at 9:00 p.m. on all weekdays, Monday through Friday.

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OPTIONAL GENERAL TIME-OF-USE (NON-DEMAND)

RATE G-6

BILLING PERIODS (continued)

Low Load Period:

All hours not included in the Peak Load Period.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 12 consecutive months and shall continue thereafter until terminated on 30 days' written notice by the Customer.

Except for Customers engaging in net metering, Customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of March 1, 1995.

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STANDBY SERVICE

RATE SB-1 (13.8 kV)

AVAILABILITY

Upon written application and the execution of an electric service agreement, service is available under this rate to any Customer with an alternative source of power who requests firm delivery of standby service and for whom the Company has an obligation to serve. The Company must have the ability to meter the alternative source of power. Standby Service is intended to deliver to the Customer a replacement supply of power when the Customer's alternative source of power is either partially or totally unavailable. A Customer requesting Standby Service is required to take service under this rate schedule if the Customer's alternative source of power (1) exceeds 100 kilowatts, and (2) supplies at least 20 percent of the Customer's total integrated electrical load. Standby Service is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, three phase, alternating current service at primary voltage under this rate schedule. As available and at the Company's option, such service shall be supplied at approximately 13,800 volts.

DEFINITIONS

- A. **"Actual Metered Demand"** for any billing month means the demand as determined periodically in accordance with the provisions of the Otherwise Applicable Rate Schedule as measured by the Company's billing meter or meters located at the interconnection point of the Company's facilities and the Customer's facilities during the billing month.
- B. **"Actual Metered Energy"** for any billing month means the sum of the energy associated with the Actual Metered Demands.
- C. **"Alternative Power"** means the power in kilovolt-amperes (kVa) measured by the meter or meters located at the interconnection of the Alternative Source of Power and the Customer's internal load. The basis for determining the quantity of kVa of Alternative Power shall be consistent with the provisions for determining billing demand as stated in the Otherwise Applicable Rate Schedule.
- D. **"Alternative Source of Power"** refers to the source, and the Customer's entitlement to such source from which the Customer receives power.

STANDBY SERVICE

RATE SB-1 (13.8 kV)

DEFINITIONS (continued)

- E. **“Internal Customer Demand”** means the sum of the coincident amount of Actual Metered Demand and Alternative Power.
- F. **“Maintenance Energy”** means the Actual Metered Energy minus the delivered Supplemental Energy during the period when Maintenance Service is provided to the Customer.
- G. **“Maintenance Service”** means the electric energy or capacity delivered by the Company to replace energy or capacity ordinarily provided by the facilities that make up the Customer’s Alternative Source of Power when such facilities are withdrawn from service for Scheduled Maintenance.
- H. **“Otherwise Applicable Rate Schedule”** refers to the rate schedule under which the Customer would have received delivery of electric service from the Company if the Customer had no Alternative Source of Power.
- I. **“Peak Period”** shall be as defined in the Otherwise Applicable Rate Schedule.
- J. **“Replacement Demand”** for any billing month means the difference between the coincident amounts of the lesser of either the Standby Contract Demand, or the Internal Customer Demand, and the Alternative Power. The Replacement Demand shall be determined periodically in accordance with the billing demand provisions of the Otherwise Applicable Rate Schedule but shall not be less than zero.
- K. **“Replacement Energy”** for any billing month means the sum of the energy associated with the Replacement Demands less Maintenance Energy during the billing month.
- L. **“Scheduled Maintenance”** means maintenance performed in accordance with the following provisions: (1) maintenance is not scheduled during the Peak Period of the months January, July, August and December; (2) unless specifically approved by the Company, maintenance will not be provided for more than four consecutive weeks per request; (3) the Customer provides the Company with a preliminary written maintenance schedule by December 1 of each year; (4) the Company approves the maintenance schedule; and (5) the Customer provides written notification to the Company of the dates and duration of the outage 30 days prior to the actual outage. If a Customer’s maintenance is not performed in accordance with the defined provisions, it will be billed at the Standby Service Rate Schedule.

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STANDBY SERVICE

RATE SB-1 (13.8 kV)

DEFINITIONS (continued)

- M. **“Standby Contract Demand”** means the specified maximum firm Replacement Demand that the Customer may take from the Company. The Standby Contract Demand shall be specified separately for the winter and summer periods and may not exceed the Customer’s Alternative Source of Power.
- N. **“Standby Service”** means electric energy and capacity delivered by the Company to replace electric energy and capacity ordinarily provided by the Customer’s Alternative Source of Power when such source of power is unavailable.
- O. **“Supplemental Demand”** for any billing month means the excess of the coincident amounts of Internal Customer Demand over the Standby Contract Demand. The Supplemental Demand will be determined periodically in accordance with the billing demand provisions of the Otherwise Applicable Rate Schedule but shall not be less than zero.
- P. **“Supplemental Energy”** for any billing month means the sum of energy associated with the Supplemental Demands of the billing month less the energy associated with the excess of the Alternative Power over the Standby Contract Demand.
- Q. **“Supplemental Service”** means electric energy or capacity delivered under normal conditions by the Company to meet the Customer’s load in addition to capacity and energy which is being supplied by the Customer’s Alternative Source of Power.

RATE PER MONTH

Delivery Services:

- | | | |
|----|-------------------------------|--|
| A. | Administrative Charge: | \$297.82 per month |
| B. | Customer Charge: | \$562.88 per month |
| C. | Transmission Capacity Charge: | \$1.32 per kVa times the maximum 15-minute Replacement Demand for the billing month. |

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STANDBY SERVICE

RATE SB-1 (13.8 kV)

RATE PER MONTH (continued)

D. Peak Period Capacity Charge:

**Transmission: \$1.51 per kVa times the maximum 15-minute
Replacement Demand established during the Peak
Period of the billing month;**

E. Transmission Capacity Reservation Charge:

**The minimum monthly charge for transmission capacity shall not be less
than \$0.36 per kVa of Standby Contract Demand.**

**The total charges for transmission capacity in each month shall be the greater of the charges under
D. or under E.**

F. Transition Charge: 0.000 cents per kilowatt-hour.

Supplier Services:(Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

**Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment**

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STANDBY SERVICE

RATE SB-1 (13.8 kV)

OTHER PROVISIONS

- A. All electricity delivered to the Customer by the Company will be measured by meters installed at a single location, except where the Company deems it impractical to deliver electricity through one service, in which case the measurement of electricity may be accomplished by totaling meters from two or more locations.**
- B. The Customer shall furnish at its expense a connection whereby the Company can meter the Customer's Alternative Source of Power at the interconnection of the Alternative Source of Power with the Customer's internal load.**
- C. All electricity delivered shall be for the exclusive use of the Customer and shall not be resold.**
- D. The Customer shall be assessed no more than one Administrative Charge for Standby, Maintenance and Supplemental Service. Therefore, if a Customer receives one such service, no additional Administrative Charge will be assessed for either or both of the remaining two services.**
- E. The Customer shall be assessed no more than one Customer Charge for Standby, Maintenance, and Supplemental Service. Therefore, if a Customer receives one such service, no additional Customer Charge will be assessed for the second service. The applicable Customer Charge shall be that contained in the Standby and Maintenance Service Rates.**
- F. If the Company delivers Maintenance Service to the Customer, the following will apply during the period when Maintenance Service is delivered: (1) the Transmission Capacity Charge will apply only if such charge is not otherwise billed under Standby Service during the billing month; and (2) the maximum Replacement Demand used to calculate the Peak Period Capacity charge shall be zero.**
- G. The Customer shall be subject to the provisions of the Company's Requirements For Interconnection as they exist from time to time.**

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STANDBY SERVICE

RATE SB-1 (13.8 kV)

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERM OF PAYMENT

Charges are net and payable upon presentation of the Company's bill.

TERM

Service under this rate shall be in accordance with the provisions of the Otherwise Applicable Rate Schedule.

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MAINTENANCE SERVICE

RATE MS-1 (13.8 kV)

AVAILABILITY

Upon written application and the execution of an electric service agreement, service is available under this rate to any Customer with an alternative source of power who requests the delivery of maintenance service and for whom the Company has an obligation to serve. The Company must have the ability to meter the alternative source of power. Maintenance Service is intended to deliver to the Customer electric energy and capacity to replace energy and capacity ordinarily generated by the facilities that make up the Customer's alternative source of power when such facilities are withdrawn from service for maintenance scheduled in accordance with defined provisions. A Customer requesting Maintenance Service is required to take service under this rate schedule if the Customer's alternative source of power (1) exceeds 100 kilowatts, and (2) supplies at least 20 percent of their total integrated electrical load. Maintenance Service is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, three phase, alternating current service at primary voltage under this rate schedule. As available and at the Company's option, such service shall be supplied at approximately 13,800 volts.

DEFINITIONS

- A. **"Actual Metered Demand"** for any billing month means the demand as determined periodically in accordance with the provisions of the Otherwise Applicable Rate Schedule as measured by the Company's billing meter or meters located at the interconnection point of the Company's facilities and the Customer's facilities during the billing month.
- B. **"Actual Metered Energy"** for any billing month means the sum of the energy associated with the Actual Metered Demands.
- C. **"Alternative Power"** means the power in kilovolt-amperes (kVa) measured by the meter or meters located at the interconnection of the Alternative Source of Power and the Customer's internal load. The basis for determining the quantity of kVa of Alternative Power shall be consistent with the provisions for determining billing demand as stated in the Otherwise Applicable Rate Schedule.
- D. **"Alternative Source of Power"** refers to the source, and the Customer's entitlement to such source from which the Customer receives power.

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MAINTENANCE SERVICE

RATE MS-1 (13.8 kV)

DEFINITIONS (continued)

- E. **“Internal Customer Demand”** means the sum of the coincident amount of Actual Metered Demand and Alternative Power.
- F. **“Maintenance Energy”** means the Actual Metered Energy minus the delivered Supplemental Energy during the period when Maintenance Service is provided to the Customer.
- G. **“Maintenance Service”** means the electric energy or capacity delivered by the Company to replace energy or capacity ordinarily provided by the facilities that make up the Customer’s Alternative Source of Power when such facilities are withdrawn from service for Scheduled Maintenance.
- H. **“Otherwise Applicable Rate Schedule”** refers to the rate schedule under which the Customer would have received delivery of electric service from the Company if the Customer had no Alternative Source of Power.
- I. **“Peak Period”** shall be as defined in the Otherwise Applicable Rate Schedule.
- J. **“Replacement Demand”** for any billing month means the difference between the coincident amounts of the lesser of either the Standby Contract Demand, or the Internal Customer Demand, and the Alternative Power. The Replacement Demand shall be determined periodically in accordance with the billing demand provisions of the Otherwise Applicable Rate Schedule but shall not be less than zero.
- K. **“Replacement Energy”** for any billing month means the sum of the energy associated with the Replacement Demands less Maintenance Energy during the billing month.
- L. **“Scheduled Maintenance”** means maintenance performed in accordance with the following provisions: (1) maintenance is not scheduled during the Peak Period of the months January, July, August and December; (2) unless specifically approved by the Company, maintenance will not be provided for more than four consecutive weeks per request; (3) the Customer provides the Company with a preliminary written maintenance schedule by December 1 of each year; (4) the Company approves the maintenance schedule; and (5) the Customer provides written notification to the Company of the dates and duration of the outage 30 days prior to the actual outage. If a Customer’s maintenance is not performed in accordance with the defined provisions, it will be billed at the Standby Service Rate Schedule.

MAINTENANCE SERVICE

RATE MS-1 (13.8 kV)

DEFINITIONS (continued)

- M. **“Standby Contract Demand”** means the specified maximum firm Replacement Demand that the Customer may take from the Company. The Standby Contract Demand shall be specified separately for the winter and summer periods and may not exceed the Customer’s Alternative Source of Power.
- N. **“Standby Service”** means electric energy and capacity delivered by the Company to replace electric energy and capacity ordinarily provided by the Customer’s Alternative Source of Power when such source of power is unavailable.
- O. **“Supplemental Demand”** for any billing month means the excess of the coincident amounts of Internal Customer Demand over the Standby Contract Demand. The Supplemental Demand will be determined periodically in accordance with the billing demand provisions of the Otherwise Applicable Rate Schedule but shall not be less than zero.
- P. **“Supplemental Energy”** for any billing month means the sum of energy associated with the Supplemental Demands of the billing month less the energy associated with the excess of the Alternative Power over the Standby Contract Demand.
- Q. **“Supplemental Service”** means electric energy or capacity delivered under normal conditions by the Company to meet the Customer’s load in addition to capacity and energy which is being supplied by the Customer’s Alternative Source of Power.

RATE PER MONTH

Delivery Services:

- | | | |
|----|-------------------------------|--|
| A. | Administrative Charge: | \$297.82 per month |
| B. | Customer Charge: | \$562.88 per month |
| C. | Transmission Capacity Charge: | \$1.32 per kVa times the maximum 15-minute Replacement Demand for the billing month. |
| D. | Transition Charge: | 0.000 cents per kilowatt-hour |

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President

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MAINTENANCE SERVICE

RATE MS-1 (13.8 kV)

RATE PER MONTH (continued)

Supplier Services:(Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

**Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment**

OTHER PROVISIONS

- A. All electricity delivered to the Customer by the Company will be measured by meters installed at a single location, except that where the company deems it impractical to deliver electricity through one service, the measurement of electricity may be accomplished by totaling meters from two or more locations. When the Customer's generating facilities are capable of operating in parallel with the Company's supply, the Customer shall furnish at its expense, a connection whereby the Company can meter the output of the Customer's generating facilities.**
- B. All electricity delivered shall be for the exclusive use of the Customer and shall not be resold.**
- C. The Customer shall be assessed no more than one Administrative Charge for Standby, Maintenance and Supplemental Service. Therefore, if a Customer receives one such service, no additional Administrative Charge will be assessed for either or both of the remaining two services.**
- D. The Customer shall be assessed no more than one Customer Charge for Standby, Maintenance, and Supplemental Service. Therefore, if a Customer receives one such service, no additional Customer Charge will be assessed for the second service. The applicable Customer Charge shall be that contained in the Standby and Maintenance Service Rates.**

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MAINTENANCE SERVICE

RATE MS-1 (13.8 kV)

OTHER PROVISIONS (continued)

- E. If the Customer also receives Standby Service from the Company, the following will apply during the period when Maintenance Service is taken: (1) the Transmission Capacity Charge will apply only if such charge is not otherwise billed under Standby Service during the billing month; and (2) the maximum Replacement Demand used to calculate the Peak Period Capacity Charge shall be zero.
- F. The Customer shall be subject to the provisions of the Company's Requirements For Interconnection as they exist from time to time.

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERM OF PAYMENT

Charges are net and payable upon presentation of the Company's bill.

TERM

Service under this rate shall be in accordance with the provisions of the Otherwise Applicable Rate Schedule.

SUPPLEMENTAL SERVICE

RATE SS-1 (13.8 kV)

AVAILABILITY

Upon written application and the execution of an electric service agreement, service is available under this rate to any Customer with an alternative source of power who requests the delivery of supplemental service and for whom the Company has an obligation to serve. The Company must have the ability to meter the alternative source of power. Supplemental Service is intended to deliver power to supplement the output of the Customer's alternative source of power where the alternative source of power is less than the Customer's maximum electrical load. A Customer requesting Supplemental Service is required to take service under this rate schedule if the Customer's alternative source of power (1) exceeds 100 kilowatts, and (2) supplies at least 20 percent of the Customer's total integrated electrical load. Standby Service is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, three phase, alternating current service at primary voltage under this rate schedule. As available and at the Company's option, such service shall be supplied at approximately 13,800 volts.

DEFINITIONS

- A. **"Actual Metered Demand"** for any billing month means the demand as determined periodically in accordance with the provisions of the Otherwise Applicable Rate Schedule as measured by the Company's billing meter or meters located at the interconnection point of the Company's facilities and the Customer's facilities during the billing month.
- B. **"Actual Metered Energy"** for any billing month means the sum of the energy associated with the Actual Metered Demands.
- C. **"Alternative Power"** means the power in kilovolt-amperes (kVa) measured by the meter or meters located at the interconnection of the Alternative Source of Power and the Customer's internal load. The basis for determining the quantity of kVa of Alternative Power shall be consistent with the provisions for determining billing demand as stated in the Otherwise Applicable Rate Schedule.
- D. **"Alternative Source of Power"** refers to the source, and the Customer's entitlement to such source from which the Customer receives power.

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SUPPLEMENTAL SERVICE

RATE SS-1 (13.8 kV)

DEFINITIONS (continued)

- E. **“Internal Customer Demand”** means the sum of the coincident amount of Actual Metered Demand and Alternative Power.
- F. **“Maintenance Energy”** means the Actual Metered Energy minus the delivered Supplemental Energy during the period when Maintenance Service is provided to the Customer.
- G. **“Maintenance Service”** means the electric energy or capacity delivered by the Company to replace energy or capacity ordinarily provided by the facilities that make up the Customer’s Alternative Source of Power when such facilities are withdrawn from service for Scheduled Maintenance.
- H. **“Otherwise Applicable Rate Schedule”** refers to the rate schedule under which the Customer would have received delivery of electric service from the Company if the Customer had no Alternative Source of Power.
- I. **“Peak Period”** shall be as defined in the Otherwise Applicable Rate Schedule.
- J. **“Replacement Demand”** for any billing month means the difference between the coincident amounts of the lesser of either the Standby Contract Demand, or the Internal Customer Demand, and the Alternative Power. The Replacement Demand shall be determined periodically in accordance with the billing demand provisions of the Otherwise Applicable Rate Schedule but shall not be less than zero.
- K. **“Replacement Energy”** for any billing month means the sum of the energy associated with the Replacement Demands less Maintenance Energy during the billing month.
- L. **“Scheduled Maintenance”** means maintenance performed in accordance with the following provisions: (1) maintenance is not scheduled during the Peak Period of the months January, July, August and December; (2) unless specifically approved by the Company, maintenance will not be provided for more than four consecutive weeks per request; (3) the Customer provides the Company with a preliminary written maintenance schedule by December 1 of each year; (4) the Company approves the maintenance schedule; and (5) the Customer provides written notification to the Company of the dates and duration of the outage 30 days prior to the actual outage. If a Customer’s maintenance is not performed in accordance with the defined provisions, it will be billed at the Standby Service Rate Schedule.

SUPPLEMENTAL SERVICE

RATE SS-1 (13.8 kV)

DEFINITIONS (continued)

- M. **“Standby Contract Demand”** means the specified maximum firm Replacement Demand that the Customer may take from the Company. The Standby Contract Demand shall be specified separately for the winter and summer periods and may not exceed the Customer’s Alternative Source of Power.
- N. **“Standby Service”** means electric energy and capacity delivered by the Company to replace electric energy and capacity ordinarily provided by the Customer’s Alternative Source of Power when such source of power is unavailable.
- O. **“Supplemental Demand”** for any billing month means the excess of the coincident amounts of Internal Customer Demand over the Standby Contract Demand. The Supplemental Demand will be determined periodically in accordance with the billing demand provisions of the Otherwise Applicable Rate Schedule but shall not be less than zero.
- P. **“Supplemental Energy”** for any billing month means the sum of energy associated with the Supplemental Demands of the billing month less the energy associated with the excess of the Alternative Power over the Standby Contract Demand.
- Q. **“Supplemental Service”** means electric energy or capacity delivered under normal conditions by the Company to meet the Customer’s load in addition to capacity and energy which is being supplied by the Customer’s Alternative Source of Power.

RATE PER MONTH

Delivery Services:

- A. **Administrative Charge:** \$297.82 per month
- B. **Customer Charge:** Will be billed in accordance with the provisions of the Otherwise Applicable Rate Schedule.
- C. **Demand Charge:** Will be billed in accordance with the provisions of the Otherwise Applicable Rate Schedule.
- D. **Energy Charge:** Will be billed in accordance with the provisions of the Otherwise Applicable Rate Schedule.

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SUPPLEMENTAL SERVICE

RATE SS-1 (13.8 kV)

RATE PER MONTH (continued)

E. Transition Charge: Will be billed in accordance with the provisions of the Otherwise Applicable Rate Schedule.

Supplier Services: (Optional) Will be billed in accordance with the provisions of the Otherwise Applicable Rate Schedule.

RATE ADJUSTMENTS Will be billed in accordance with the provisions of the Otherwise Applicable Rate Schedule.

OTHER PROVISIONS

- A.** All electricity delivered to the Customer by the Company will be measured by meters installed at a single location, except where the Company deems it impractical to deliver electricity through one service, in which case the measurement of electricity may be accomplished by totaling meters from two or more locations.
- B.** The Customer shall furnish at its expense a connection whereby the Company can meter the output of the Customer's Alternative Source of Power.
- C.** All electricity delivered shall be for the exclusive use of the Customer and shall not be resold.
- D.** The Customer shall be assessed no more than one Administrative Charge for Standby, Maintenance and Supplemental Service. Therefore, if a Customer receives one such service, no additional Administrative Charge will be assessed for either or both of the remaining two services.
- E.** The Customer shall be assessed no more than one Customer Charge for Standby, Maintenance, and Supplemental Service. Therefore, if a Customer receives one such service, no additional Customer Charge will be assessed for the second service. The applicable Customer Charge shall be that contained in the Standby and Maintenance Service Rates.
- F.** If the Customer also receives Maintenance Service from the Company, the following will apply during the period when Maintenance Service is taken: (1) the Transmission Capacity Charge will only apply if such charge is not otherwise billed under Standby Service during the billing month; and (2) the maximum Replacement Demand used to calculate the Peak Period Capacity Charge shall be zero.

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SUPPLEMENTAL SERVICE

RATE SS-1 (13.8 kV)

OTHER PROVISIONS (continued)

- G. The Customer shall be subject to the provisions of the Company's Requirements For Interconnection as they exist from time to time.

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERM OF PAYMENT

Charges are net and payable upon presentation of the Company's bill.

TERM

Service under this rate shall be in accordance with the provisions of the Otherwise Applicable Rate Schedule.

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OUTDOOR LIGHTING

RATE S-1

AVAILABILITY

Upon written application and the execution of an Outdoor Lighting Service Agreement, outdoor lighting services are available under this rate schedule to any Customer for approximately 4,000 hours of operation per year. Street lighting service under this rate is available to public authorities for street, highway, bridge, parkway and adjacent area lighting. Area lighting and floodlighting services are available hereunder for other outdoor lighting applications. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

STREET LIGHTING SERVICE

Delivery Services:

- A. Basic Annual Charges apply to overhead connected lighting units on poles carrying other electric power circuits.

	<u>Nominal Rating</u>		<u>Basic Annual Charges</u>	
	<u>Lumens</u>	<u>Watts</u>	<u>Luminaire Charge</u>	<u>Transmission Charge</u>
Incandescent*	1,000	-	\$121.29	\$5.52
	2,500	-	109.14	10.68
	6,000	-	105.46	23.64
Mercury	4,200	100	96.93	6.96
	8,600	175	92.69	11.40
	12,100	250	85.47	15.84
	22,500	400	85.98	24.96
Twin	22,500	800	105.84	49.92
	63,000	1,000	106.57	59.76
High Pressure Sodium	4,000	50	99.13	3.12
	5,800	70	98.59	4.56
	9,500	100	97.96	6.36
	16,000	150	94.79	9.24
	27,500	250	88.99	16.08
	50,000	400	86.04	25.56

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OUTDOOR LIGHTING

RATE S-1

STREET LIGHTING SERVICE (continued)

Delivery Services: (continued)

A. Basic Annual Charges (continued)

***Incandescent street lighting service is available only at existing locations for street lighting units installed prior to December 1, 1975.**

B. Transition Charge: 0.244 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

C. Additional Annual Charges and Credits

The additional annual charges or credits identified below are applicable to service furnished by means other than overhead connected lighting units on poles carrying other electric power circuits.

1. Lighting units installed prior to December 1, 1985:

- a. Where a street lighting unit was installed on a standard pole with an underground service connection, and the Company installed and owns and maintains the standard pole, underground cable, conduit, manholes and sub-base, a charge of \$212.05 per year shall apply to each such unit in addition to any other applicable charges under this rate schedule.**
- b. Where the Customer furnished and installed and owns and maintains the conduit, manholes, and sub-base for a street lighting unit installed on a standard pole, a credit of \$155.46 per year will apply to the additional charges provided for in paragraph 1 above for each such unit.**

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OUTDOOR LIGHTING

RATE S-1

C. Additional Annual Charges and Credits (continued)

1. Lighting units installed prior to December 1, 1985: (continued)

- c. Where the Company extended its secondary voltage underground distribution system in order to provide an underground service connection hereunder, a charge of \$50.63 per year shall apply to each street lighting fixture so connected in addition to any other applicable charges under this rate schedule. The Company will no longer provide this service.

2. Lighting units installed on or after December 1, 1985:

- a. Where a street lighting unit is installed on a standard pole with an underground service connection, and the Company installs, owns and maintains the standard pole, underground cable, conduit, manholes and sub-base, a charge of \$532.51 per year shall apply to each such unit in addition to any other applicable charges under this rate schedule.
- b. Where the Customer furnishes, installs, owns and maintains the conduit, manholes, and sub-base for a street lighting unit installed on a standard pole, a credit of \$302.59 per year will apply to the additional charges provided for in paragraph 1 above for each such unit.

FLOODLIGHTING SERVICE

Delivery Services:

- A. Basic Annual Charges apply to overhead connected lighting units on poles carrying other electric power circuits.**

<u>Watts</u>	<u>Nominal Rating</u>		<u>Basic Annual Charges</u>		<u>Lumens</u>
			<u>Luminaire Charge</u>	<u>Transmission Charge</u>	
Mercury	22,500	400	\$201.42	\$24.60	
	63,000	1,000	162.82	58.68	

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OUTDOOR LIGHTING

RATE S-1

FLOODLIGHTING SERVICE (continued)

Delivery Services: (continued)

	<u>Nominal Rating</u>		<u>Basic Annual Charges</u>	
	<u>Lumens</u>	<u>Watts</u>	<u>Luminaire Charge</u>	<u>Transmission Charge</u>
Sodium	16,000	150	109.41	9.96
	27,500	250	190.20	16.32
	50,000	400	184.58	24.48
Metal Halide	36,000	400	95.77	23.88

B. Transition Charge: 0.244 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

AREA LIGHTING SERVICE

Delivery Services:

A. Basic Annual Charges apply to overhead connected lighting units on poles carrying other electric power circuits

<u>Watts</u>	<u>Nominal Rating</u>		<u>Basic Annual Charges</u>		<u>Lumens</u>
			<u>Luminaire Charge</u>	<u>Transmission Charge</u>	
Sodium	4,000	50	\$135.45	\$3.12	

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OUTDOOR LIGHTING

RATE S-1

AREA LIGHTING SERVICE (continued)

Delivery Services: (continued)

	<u>Nominal Rating</u>		<u>Basic Annual Charges</u>	
	<u>Lumens</u>	<u>Watts</u>	<u>Luminaire Charge</u>	<u>Transmission Charge</u>
Sodium	5,800	70	134.91	4.56
	9,500	100	134.29	6.36
	16,000	150	131.12	9.24
	27,500	250	125.33	16.08
	50,000	400	122.37	25.56

B. Transition Charge: 0.244 cents per kilowatt-hour

Supplier Services:

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

C. Additional Annual Charges

1. Basic annual charges for separate wood poles used to support only lighting units are set forth below:

	<u>Basic Annual Charges</u>		
	<u>Wood Poles</u>		
	<u>30ft</u>	<u>35ft</u>	<u>40ft</u>
Poles installed prior to December 1, 1985	\$ 63.74	\$ 63.74	\$ 63.74
Poles installed after November 30, 1985 or before January 1, 1996	97.69	97.69	97.69
Poles installed after January 1, 1996	105.43	104.24	114.96

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OUTDOOR LIGHTING

RATE S-1

Additional Annual Charges (continued)

2. The basic annual charge for providing a section of secondary wire not to exceed 150 feet for connecting lighting units to a wood pole for both Company and Customer owned and installed poles is \$59.77.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

GENERAL CONDITIONS

- A. Service under this rate is contingent upon Company ownership and maintenance of outdoor lighting facilities except, in areas where the Company has no existing distribution system for service to its other Customers, the Company may require the Customer to furnish, install, own and maintain the conduits, manholes and sub-base required for underground service to street lighting units located on standard poles. The Company shall specify standard outdoor lighting equipment to be utilized for providing service hereunder.
- B. All outdoor lighting installations under this rate shall be subject to the Company's approval in all respects, including the size, location, spacing and type of luminaire to be provided. The Company may refuse service hereunder for any installation which does not conform to good lighting practices in the sole opinion of the Company. By its approval or acceptance of any outdoor lighting installation, the Company does not give any warranty, expressed or implied, as to the adequacy, safety or other characteristics of said installation.
- C. The Company will require that Customers who terminate service or request temporary service, or the removal of outdoor lighting units without replacement or changes in the sizes, types or locations of outdoor lighting units pay to the Company the undepreciated costs less salvage value, if any, of the equipment which is taken out of service, removed without replacement, relocated or substantially altered by the Company. The undepreciated costs shall be determined based upon the actual age of such equipment as

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OUTDOOR LIGHTING

RATE S-1

GENERAL CONDITIONS (continued)

determined by the Company. However, all incandescent lighting units shall be exempt from this provision.

- D. The total number of new installations, replacements or relocations of street lighting units in any annual period may be limited by the Company to not more than ten percent (10%) of the total number of units billed to the Customer at the beginning of such annual period.
- E. The Company will maintain all wires, lamps and other equipment owned by it. The Customer will notify the Company of any failure of lights to operate properly and the Company will complete the necessary repair or replacement within 3 regular working days, with no reduction in charges for such inoperative periods. Lamp replacement and maintenance shall be performed by the Company during normal working hours.
- F. Outdoor lighting units furnished under this rate schedule shall be subject to all applicable charges hereunder, except that, in the event any lighting unit is not lighted for a period exceeding 3 nights duration for any reason whatsoever, such unit shall not be subject to the rates herein for the period during which it is unlighted, as determined by the Company.
- G. Where the costs of underground connected street lighting facilities provided at the request of a Customer pursuant to this rate schedule exceed the costs of such facilities which are supported by the applicable annual charges included in this rate schedule, the Customer shall pay to the Company the excess costs of such facilities.
- H. Area lighting and floodlighting fixtures will be located on standard wood poles owned either by the Company or the Customer not more than one distribution span length of wire not to exceed 150 feet from the nearest pole on the public way. Poles shall be accessible to trucks and other equipment of the company at all times. Service may be furnished at other locations subject to appropriate charges, at the option of the Company.
- I. Where temporary service is desired, the Customer shall reimburse the Company for its costs of installing and removing outdoor lighting facilities.
- J. The Customer grants the Company the right to enter and use the Customer's premises at all reasonable times for the installation, maintenance and removal of its facilities, including the right to cut and trim the trees and bushes wherever necessary. The Company shall not be required to move its facilities to another location on the Customer's premises except at the Customer's expense.

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OUTDOOR LIGHTING

RATE S-1

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

The annual charges will be prorated monthly. Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 12 consecutive months and shall continue thereafter until canceled on 30 days' written notice, except that temporary service may be canceled at any time upon 10 days' written notice.

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DEFAULT SERVICE ADJUSTMENT

The prices for Retail Delivery Service contained in all the rates of the Company are subject to adjustments to reflect the power purchase costs incurred by the Company in arranging Default Service, which costs are not recovered from Customers through the Default Service rate charged to Default Service Customers.

On a annual basis, the Company shall reconcile its total cost of purchased power for default service supply against its total default service revenue, and the excess or deficiency shall be refunded to, or collected from, Customers on a per kilowatt-hour basis over the following twelve (12) months, with interest. Such a per kWh charge or credit is referred to as the Default Service Adjustment Factor. For purposes of the above reconciliation, total purchased power revenues shall mean all revenues collected from Default Service Customers through the Default Service rate for the applicable twelve (12) month reconciliation period together with payments or credits from suppliers. If there is a positive or negative balance in the then current Default Service Adjustment account outstanding from the prior period, the balance shall be credited against or added to the new reconciliation amount, as appropriate, in establishing the Default Service Adjustment Factor for the new reconciliation period.

The rate for the Default Service Cost Adjustment Factor, effective January 1, 2004, shall be equal to \$0.00265 per kilowatt-hour.

The calculation of the Default Service Adjustment Factor shall be subject to the review and approval of the Department of Telecommunications and Energy.

This provision is applicable to all Retail Delivery Service rates of the Company.

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RESIDENTIAL

RATE R-1

AVAILABILITY

This rate is available for all domestic uses in a single private dwelling, in an individual apartment or in a residential condominium. Service under this rate to residential condominiums is available to the extent permitted by applicable regulations of the Massachusetts Department of Telecommunications and Energy. Service under this rate shall be Annual or Seasonal as hereinafter defined and is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be single-phase at approximately 120/240 or 120/208 volts.

RATE PER MONTH (ANNUAL)

Annual Service:

Annual service is defined as service where the kilowatt-hours used in the billing months ending between June 1st and September 30th are less than the kilowatt-hours used by the same Customer during the other eight billing months of the calendar year.

Delivery Services:

Customer Charge:	\$4.11 per month
Distribution:	4.606 cents per kilowatt-hour
Transition:	2.029 cents per kilowatt-hour
Transmission:	0.710 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

RESIDENTIAL

RATE R-1

RATE PER MONTH (ANNUAL) (continued)

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE PER MONTH (SEASONAL)

Seasonal Service:

Seasonal service is defined as service where the kilowatt-hours used in the billing months ending between June 1st and September 30th are more than the kilowatt-hours used by the same Customer during the other eight billing months of the calendar year.

Delivery Services:

Customer:	\$4.11 per month
Distribution:	8.279 cents per kilowatt-hour
Transition:	2.029 cents per kilowatt-hour
Transmission:	1.398 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer:	As in effect per Tariff
Default Service:	As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

A Customer requesting a reconnection of service at a location where service to such Customer was terminated at the Customer's request during the prior 12 months shall pay a minimum charge for the first billing month after reconnection equal to the charges for regular service described above plus: (1) the sum of the monthly Customer charges for each month during which service was not taken, and (2) a reconnection charge of \$50.

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RESIDENTIAL

RATE R-1

RATE PER MONTH (SEASONAL OPTIONAL)

Customers taking Seasonal Service under this rate schedule and who guarantee to pay minimum charges of \$12.05 per month in each month of the year may elect to be billed in accordance with the Annual Rate hereof.

A Customer requesting a reconnection of service at a location where service to such Customer was terminated at the Customer's request during the prior twelve months shall pay a minimum charge for the first billing month after reconnection equal to the charges for regular service described above plus: (1) the sum of the \$12.05 for each month during which service was not taken, and (2) a reconnection charge of \$50.00.

RATE ADJUSTMENTS

The charges for delivery service provided above under Annual, Seasonal and Seasonal Optional, shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service shall continue until terminated on 3 business days' notice by the Customer.

Issued by: Thomas J. May
President

Filed: December 3, 2003
Effective: January 1, 2004

RESIDENTIAL ASSISTANCE

RATE R-2

AVAILABILITY

Upon written application, this rate is available for all domestic uses in a single private dwelling, in an individual apartment or in a residential condominium to any Customer meeting the qualifications stated in the special provisions section of this rate. Service under this rate to residential condominiums is available to the extent permitted by applicable regulations of the Massachusetts Department of Telecommunications and Energy (the "M.D.T.E."), shall be Annual or Seasonal as hereinafter defined and is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

The Company will guarantee the Customer's payment to its designated supplier up to the prices that the Company charges to Customers for Standard Offer Service in accordance with the regulations established by the M.D.T.E. at 220 C.M.R. 11.05(3)(c).

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be single-phase at approximately 120/240 or 120/208 volts.

RATE PER MONTH (ANNUAL)

Annual Service:

Annual service is defined as service where the kilowatt-hours used in the four billing months ending between June 1st and September 30th are less than the kilowatt-hours used by the same Customer during the other eight months of the calendar year.

Delivery Services:

Customer Charge:	\$2.44 per month
Distribution:	1.783 cents per kilowatt-hour
Transition:	2.028 cents per kilowatt-hour
Transmission:	0.710 cents per kilowatt-hour

**Issued by: Thomas J. May
President**

**Filed: December 3, 2003
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RESIDENTIAL ASSISTANCE

RATE R-2

RATE PER MONTH (ANNUAL) (continued)

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE PER MONTH (SEASONAL)

Seasonal Service:

Seasonal service is defined as service where the kilowatt-hours used in the four billing months ending between June 1st and September 30th are more than the kilowatt-hours used by the same Customer during the other eight months of the calendar year.

Delivery Services:

Customer:	\$2.44 per month
Distribution:	3.625 cents per kilowatt-hour
Transition:	2.028 cents per kilowatt-hour
Transmission:	1.398 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RESIDENTIAL ASSISTANCE

RATE R-2

RATE PER MONTH (SEASONAL) (continued)

A Customer requesting a reconnection of service at a location where service to such Customer was terminated at the Customer's request during the prior 12 months shall pay a minimum charge for the first billing month after reconnection equal to the charges for regular service described above plus: (1) the sum of the monthly Customer charges for each month during which service was not taken, and (2) a reconnection charge of \$50.

RATE PER MONTH (SEASONAL OPTIONAL)

Customers taking Seasonal Service under this rate schedule and who guarantee to pay minimum charges of \$7.05 per month in each month of the year may elect to be billed in accordance with the Annual Rate hereof.

A Customer requesting a reconnection of service at a location where service to such Customer was terminated at the Customer's request during the prior twelve months shall pay a minimum charge for the first billing month after reconnection equal to the charges for regular service described above plus: (1) the sum of the \$7.05 for each month during which service was not taken, and (2) a reconnection charge of \$50.00.

STANDARD OFFER SERVICE

Standard Offer Service is available under this tariff for existing or new Customers who have not yet chosen a supplier other than the Company on or after the retail access date, when retail choice becomes available to all customers. A Standard Offer Service Customer will pay the Rate for Standard Offer Service set forth above in addition to the Rates for Retail Delivery Service. Anytime after the retail access date, if the Customer has selected an energy supplier other than the Company, the Customer may elect to return to Standard Offer Service by so notifying the Company.

DEFAULT SERVICE

Any Customer who is not receiving Standard Offer Service, and does not have a current supplier, will receive Default Service from the Company in accordance with the terms and price for Default Service as approved by the M.D.T.E. A Customer under this rate shall be transferred upon request from Default Service to Standard Offer Service at any time in accordance with the preceding section.

Issued by: Thomas J. May
President

Filed: December 3, 2003
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RESIDENTIAL ASSISTANCE

RATE R-2

RATE ADJUSTMENTS

The charges for delivery service provided above under Annual, Seasonal and Seasonal Optional, shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

SPECIAL PROVISIONS

- (1) A Customer will be eligible for this rate upon verification of a Customer's eligibility for the low-income home energy assistance program, or its successor program, or verification of a Customer's receipt of any means tested public benefit, for which eligibility does not exceed 175 percent of the federal poverty level based on a household's gross income, or other criteria approved by the M.D.T.E..
- (2) Customers who qualify for this rate shall be required each year to certify their continuing compliance with the terms hereof.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service shall continue until terminated on 3 business days' notice by the Customer.

Issued by: Thomas J. May
President

Filed: December 3, 2003
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RESIDENTIAL SPACE HEATING

RATE R-3

AVAILABILITY

This rate is available for all domestic uses in a single private dwelling, in an individual apartment or in a residential condominium where the principal means of heating the premises is provided by permanently installed electric space heating equipment. Service under this rate to residential condominiums is available to the extent permitted by applicable regulations of the Massachusetts Department of Telecommunications and Energy. Service under this rate is subject to the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be single-phase at approximately 120/240 or 120/208 volts.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$11.06 per month
Distribution:	2.544 cents per kilowatt-hour
Transition:	2.026 cents per kilowatt-hour
Transmission:	0.647 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer:	As in effect per Tariff
Default Service:	As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RESIDENTIAL SPACE HEATING

RATE R-3

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

**Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment**

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

The initial term of service shall be one year and shall continue thereafter until terminated on 3 business days' notice by the Customer.

**Issued by: Thomas J. May
President**

**Filed: December 3, 2003
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RESIDENTIAL SPACE HEATING ASSISTANCE

RATE R-4

AVAILABILITY

Upon written application, this rate is available to any Customer meeting the qualifications stated in the special provisions section of this rate for all domestic uses in a single private dwelling, in an individual apartment or in a residential condominium where the principal means of heating the premises is provided by permanently installed electric space heating equipment. Service under this rate to residential condominiums is available to the extent permitted by applicable regulations of the Massachusetts Department of Telecommunications and Energy (the "M.D.T.E."). Service under this rate is subject to the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

The Company will guarantee the Customer's payment to its designated supplier up to the prices that the Company charges to Customers for Standard Offer Service in accordance with the regulations established by the M.D.T.E..

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be single-phase at approximately 120/240 or 120/208 volts.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$6.47 per month
Distribution:	0.611 cents per kilowatt-hour
Transition	2.029 cents per kilowatt-hour
Transmission:	0.647 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer:	As in effect per Tariff
Default Service:	As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

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President**

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RESIDENTIAL SPACE HEATING ASSISTANCE

RATE R-4

RATE ADJUSTMENTS

The charges for delivery service provided above under shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

SPECIAL PROVISIONS

- (1) A Customer will be eligible for this rate upon verification of a Customer's eligibility for the low-income home energy assistance program, or its successor program, or verification of a Customer's receipt of any means tested public benefit, for which eligibility does not exceed 175 percent of the federal poverty level based on a household's gross income, or other criteria approved by the M.D.T.E..
- (2) Customers who qualify for this rate shall be required each year to certify their continuing compliance with the terms hereof.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service shall continue until terminated on 3 business days' notice by the Customer.

Issued by: Thomas J. May
President

Filed: December 3, 2003
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CONTROLLED WATER HEATING

**RATE R-5
(Closed)**

AVAILABILITY

This rate is available for separately metered, controlled water heating service where the Customer has provided a permanently installed storage-type water heater of a size adequate to supply the Customer's hot water requirements. The availability of this rate is restricted to locations where the Company was providing controlled water heating service on July 1, 1991 or to Customers who apply for controlled water heating service prior to October 1, 1991. The Company may refuse service hereunder where the size and type of the water heating equipment does not comply with the Company's standard specifications. This rate is not available for space heating purposes. Service under this rate is subject to the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

Sixteen to eighteen hours daily, as determined by the Company, supplying the entire water heater or the lower heating element only. Alternating current, 60 hertz, approximately 120/240 or 120/208 volts, single-phase. Voltage as available and at the option of the Company.

RATE PER MONTH

Delivery Services:

Distribution:	2.786 cents per kilowatt-hour
Transition:	1.937 cents per kilowatt-hour
Transmission:	0.654 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer:	As in effect per Tariff
Default Service:	As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be \$1.87, except that for Customers taking Seasonal Service as defined in Rate R-1, the minimum charge per month shall be \$5.65 for the billing months of June, July, August and September and \$1.87 in any other month during which electricity is used.

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President**

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CONTROLLED WATER HEATING

**RATE R-5
(Closed)**

RATE ADJUSTMENTS

The charges for delivery service provided above, under Annual and Seasonal, shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of bill.

TERM

The initial term of service shall be one year and thereafter until terminated on 3 business days' notice by the Customer.

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President

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OPTIONAL RESIDENTIAL TIME-OF-USE

RATE R-6

AVAILABILITY

Upon written application, this rate is available for all domestic uses to Customers who take all of their electric service requirements hereunder in a single private dwelling, in an individual apartment or in a residential condominium. Service under this rate to residential condominiums is available to the extent permitted by applicable regulations of the Massachusetts Department of Telecommunications and Energy. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be single phase at approximately 120/240 or 120/208 volts.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$8.08 per month
Distribution:	
Peak Load Period	13.455 cents per kilowatt-hour
Low Load Period	0.935 cents per kilowatt-hour
Transition:	
Peak Load Period	8.642 cents per kilowatt-hour
Low Load Period	0.650 cents per kilowatt-hour
Transmission:	
All periods	0.647 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer:	As in effect per Tariff
Default Service:	As in effect per Tariff

OPTIONAL RESIDENTIAL TIME-OF-USE

RATE R-6

RATE PER MONTH (continued)

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

A Customer requesting a reconnection of service at a location where service to such Customer was terminated at the Customer's request during the prior 12 months shall pay a minimum charge for the first billing month after reconnection equal to the charges for regular service described above plus: (1) the sum of the monthly Customer charges for each month during which service was not taken, and (2) a reconnection charge of \$50.

RATE ADJUSTMENTS

The charges for delivery service provided shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

BILLING PERIODS

Peak Load Period:

During that portion of the year when eastern daylight savings time is in effect, the period beginning at 9:00 a.m. and ending at 6:00 p.m. on all weekdays, Monday through Friday.

During that portion of the year when eastern standard time is in effect, the period beginning at 4:00 p.m. and ending at 9:00 p.m. on all weekdays, Monday through Friday.

Low Load Period:

All hours not included in the Peak Load Period.

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President**

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OPTIONAL RESIDENTIAL TIME-OF-USE

RATE R-6

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

The initial term of service shall be one year and thereafter until terminated on 30 days' notice by the Customer.

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President

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GENERAL

RATE G-1

AVAILABILITY

This rate is available for all non-residential uses of electricity to all Customers except those customers whose load for billing purposes either exceeds or is estimated to exceed 100 kilowatts in each of 12 consecutive billing months. Service under this rate shall be Annual or Seasonal as hereinafter defined and is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltage under this rate schedule. As available and at the Company's option, such service shall be either single-phase at approximately 120/240 or 120/208 volts or 4-wire, three-phase at approximately 120/208 or 277/480 volts.

RATE PER MONTH (ANNUAL)

Annual Service:

Annual service is defined as service where the kilowatt-hours used in the four billing months ending between June 1st and September 30th are less than the kilowatt-hours used by the same Customer during the other eight billing months in the calendar year.

Delivery Services:

Customer Charge:	\$6.10 per month
Distribution (Demand):	
First 10 kilowatts or less	No Charge
Over 10 kilowatts	\$5.36 per kilowatt
Distribution (Energy):	
First 2,300 kilowatt-hours	3.683 cents per kilowatt-hour
Over 2,300 kilowatt-hours	0.453 cents per kilowatt-hour
Transition (Energy):	2.030 cents per kilowatt-hour
Transmission (Energy):	0.721 cents per kilowatt-hour

GENERAL

RATE G-1

RATE PER MONTH (ANNUAL) (continued)

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

Minimum Charge :

The minimum charge per month shall be the Customer Charge.

RATE PER MONTH (SEASONAL)

Seasonal Service:

Seasonal service is defined as service where the kilowatt-hours used in the four billing months ending between June 1st and September 30th are more than the kilowatt-hours used by the same Customer during the other eight billing months in the calendar year.

Delivery Services:

Customer: \$6.10 per month

Distribution (Demand):

First 10 kilowatts or less No Charge
Over 10 kilowatts \$4.76 per kilowatt

Distribution (Energy):

First 1,800 kilowatt-hours 7.487 cents per kilowatt-hour
Over 1,800 kilowatt-hours 1.766 cents per kilowatt-hour

Transition (Energy): 2.030 cents per kilowatt-hour

Transmission (Energy): 0.933 cents per kilowatt-hour

Issued by: Thomas J. May
President

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GENERAL

RATE G-1

RATE PER MONTH (SEASONAL) (continued)

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

Minimum Charge :

The minimum charge per month shall be the Customer Charge.

A Customer requesting a reconnection of service at a location where service to such Customer was terminated at the Customer's request during the prior 12 months shall pay a minimum charge for the first billing month after reconnection equal to the charges for regular service described above plus: (1) the sum of the monthly Customer charges for each month during which service was not taken, and (2) a reconnection charge of \$50.

RATE PER MONTH (SEASONAL OPTIONAL)

Customers who qualify for Seasonal Service under this rate schedule and who guarantee to pay demand charges in each month of the year based on the greater of: (a) the Customer's load demand determined during the billing month or (b) fifty (50) kilowatts may elect to be billed in accordance with the Annual Rate hereof. Agreement for such service may be terminated only in the month of May of each year.

RATE ADJUSTMENTS

The charges for delivery service provided above, under Annual and Seasonal, shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

**Issued by: Thomas J. May
President**

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GENERAL

RATE G-1

PRIMARY SERVICE

When a Customer takes service at the Company's available primary voltages (13,200 volts or 25,000 volts) and furnishes and maintains the necessary transforming, switching and protective equipment, a discount of 3% will apply to the delivery rates specified above.

When the Company meters electricity at primary voltage to a Customer taking primary voltage service, a discount of 2% will apply to the bill amount determined under all of the foregoing provisions of this rate schedule.

DETERMINATION OF DEMAND

For billing purposes, the Customer's load in demand units ("demand") shall be the greatest rate of taking service for any 15-minute interval during the billing month as measured in kilowatts by a suitable meter or as otherwise determined by the Company. The demand shall be determined to the nearest whole kilowatt.

The demand shall be measured whenever the Customer's load is known or estimated to be 10 kilowatts or more as determined by the Company. However, any Customer's load may be measured for determining demand at the Company's option.

For Customers taking service at primary voltage, the demand shall be a minimum of 50 kilowatts.

SPECIAL EQUIPMENT

Where a Customer has connected to the Company's service welding apparatus, high frequency devices or other equipment of a nature to create high momentary loads and where the operation of such equipment is, in the Company's opinion, detrimental to the Company's service, a charge at the rate of \$1.75 per month per kilovolt-ampere or fraction thereof of installed capacity of such equipment will apply and will be added to the monthly bill.

The installed capacities of such equipment will be determined from manufacturer's nameplate ratings or by measurement, at the option of the Company. Welding apparatus supplied through motor generators will not be considered in the application of this provision.

Issued by: Thomas J. May
President

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GENERAL

RATE G-1

SPECIAL PROVISIONS

- A. When requested by the Company, the Customer agrees to furnish free of charge adequate accommodations upon its property for the installation of transformers and other apparatus necessary for the Company to furnish service, and to permit the construction of necessary transmission lines upon its property either overhead or underground as mutually agreed upon.**
- B. Should a Customer elect to discontinue taking service under the terms of this rate in order to take advantage of other available rates, such Customer may not resume taking service under the terms of this rate for a period of 12 months after discontinuing taking service hereunder.**
- C. The Company will provide service at approximately 575 volts to service locations existing prior to January 31, 1989. The Company reserves the right to refuse additional or increased loads at 575 volts.**

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service shall continue until terminated on 3 business days' written notice by the Customer.

Except for Customers engaging in net metering, Customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of May 1, 1995.

MEDIUM GENERAL TIME-OF-USE

RATE G-2

AVAILABILITY

This rate is available for all uses of electricity to Customers who establish demands in excess of 100 kilowatts but not greater than 500 kilowatts for at least 12 consecutive months. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltage under this rate schedule. As available and at the Company's option, such service shall be either single-phase at approximately 120/240 or 120/208 volts or 4-wire, three-phase at approximately 120/208 or 277/480 volts.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$397.33 per month
Distribution (Demand):	\$0.64 per kilovolt-ampere
Distribution (Energy):	
Peak Load Period	1.456 cents per kilowatt-hour
Low Load Period A	1.143 cents per kilowatt-hour
Low Load Period B	0.561 cents per kilowatt-hour
Transition (Energy):	2.037 cents per kilowatt-hour
Transmission (Demand):	\$2.42 per kilovolt-ampere

Supplier Services: (Optional)

Standard Offer:	As in effect per Tariff
Default Service:	As in effect per Tariff

MEDIUM GENERAL TIME-OF-USE

RATE G-2

RATE PER MONTH (continued)

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

PRIMARY SERVICE

When a Customer takes service at the Company's available primary voltages (13,200 volts or 25,000 volts) and furnishes and maintains the necessary transforming, switching and protective equipment, a discount of 3% will apply to the delivery rates specified above.

When the Company meters electricity at primary voltage to a Customer taking primary voltage service, a discount of 2% will apply to the bill amount determined under all of the foregoing provisions of this rate schedule.

DETERMINATION OF BILLING DEMAND

The demand for billing purposes shall be the highest 15-minute demand in kilovolt-amperes established during the Peak Load Period of the billing month as measured on a suitable meter or as determined by any other accepted method, at the option of the Company, but shall not be less than 36% of the maximum 15-minute demand in kilovolt-amperes established during any billing period of the billing month.

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President

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MEDIUM GENERAL TIME-OF-USE

RATE G-2

BILLING PERIODS

Peak Load Period:

During that portion of the year when eastern daylight savings time is in effect, the period beginning at 9:00 a.m. and ending at 6:00 p.m. on all weekdays, Monday through Friday.

During that portion of the year when eastern standard time is in effect, the period beginning at 4:00 p.m. and ending at 9:00 p.m. on all weekdays, Monday through Friday.

Low Load Period:

All hours not included in the Peak Load Period. The Low Load Period shall be further divided into 2 separate time periods as follows:

Low Load Period A:

All hours not included in the Peak Load Period or Low Load Period B.

Low Load Period B:

During both eastern daylight savings time and eastern standard time, the period beginning at 10:00 p.m. and ending at 7:00 a.m. on all weekdays, Monday through Friday, and all hours on Saturday and Sunday.

SPECIAL EQUIPMENT

Where Customers have connected to the Company's service welding apparatus, high frequency devices or other equipment of a nature to create high momentary loads and where the operation of such equipment is, in the Company's opinion, detrimental to the Company's service, a charge at the rate of \$1.84 per month per kilovolt-ampere or fraction thereof of installed capacity of such equipment will apply and will be added to the monthly bill. The installed capacities of such equipment will be determined from manufacturer's nameplate ratings or by measurement, at the option of the Company. Welding apparatus supplied through motor generators will not be considered in the application of this provision.

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President

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MEDIUM GENERAL TIME-OF-USE

RATE G-2

SPECIAL PROVISIONS

- A. When requested by the Company, the Customer agrees to furnish free of charge adequate accommodations upon its property for the installation of transformers and other apparatus necessary for the Company to furnish service, and to permit the construction of necessary transmission lines upon its property either overhead or underground as mutually agreed upon.
- B. The Company will provide service at approximately 575 volts to service locations existing prior to January 31, 1989. The Company reserves the right to refuse additional or increased loads at 575 volts.

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 12 consecutive months and shall continue thereafter until terminated on six months' written notice by the Customer.

Except for Customers engaging in net metering, Customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of May 1, 1995.

**Issued by: Thomas J. May
President**

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LARGE GENERAL TIME-OF-USE

RATE G-3

AVAILABILITY

This rate is available for all uses of electricity to Customers who establish demands in excess of 500 kilowatts for at least 12 consecutive months. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltage under this rate schedule. As available and at the Company's option, such service shall be either single-phase at approximately 120/240 or 120/208 volts or 4-wire, three-phase at approximately 120/208 or 277/480 volts.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$993.11 per month
Distribution (Demand):	\$1.09 per kilovolt-ampere
Distribution (Energy):	
Peak Load Period	0.740 cents per kilowatt-hour
Low Load Period A	0.513 cents per kilowatt-hour
Low Load Period B	0.012 cents per kilowatt-hour
Transition (Demand):	\$1.86 per kilovolt-ampere
Transition (Energy):	
Peak Load Period	1.715 cents per kilowatt-hour
Low Load Period A	1.629 cents per kilowatt-hour
Low Load Period B	1.547 cents per kilowatt-hour
Transmission (Demand):	\$2.56 per kilovolt-ampere

LARGE GENERAL TIME-OF-USE

RATE G-3

RATE PER MONTH (continued)

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

PRIMARY SERVICE

When a Customer takes service at the Company's available primary voltages (13,200 volts or 25,000 volts) and furnishes and maintains the necessary transforming, switching and protective equipment, a discount of 3% will apply to the delivery rates specified above.

When the Company meters electricity at primary voltage to a Customer taking primary voltage service, a discount of 2% will apply to the bill amount determined under all of the foregoing provisions of this rate schedule.

DETERMINATION OF BILLING DEMAND

The demand for billing purposes shall be the highest 15-minute demand in kilovolt-amperes established during the Peak Load Period of the billing month as measured on a suitable meter or as determined by any other accepted method, at the option of the Company, but shall not be less than 35% of the maximum 15-minute demand in kilovolt-amperes established during any billing period of the billing month.

Issued by: Thomas J. May
President

Filed: December 3, 2003
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LARGE GENERAL TIME-OF-USE

RATE G-3

BILLING PERIODS

Peak Load Period:

During that portion of the year when eastern daylight savings time is in effect, the period beginning at 9:00 a.m. and ending at 6:00 p.m. on all weekdays, Monday through Friday.

During that portion of the year when eastern standard time is in effect, the period beginning at 4:00 p.m. and ending at 9:00 p.m. on all weekdays, Monday through Friday.

Low Load Period:

All hours not included in the Peak Load Period. The Low Load Period shall be further divided into 2 separate time periods as follows:

Low Load Period A:

All hours not included in the Peak Load Period or Low Load Period B.

Low Load Period B:

During both eastern daylight savings time and eastern standard time, the period beginning at 10:00 p.m. and ending at 7:00 a.m. on all weekdays, Monday through Friday, and all hours on Saturday and Sunday.

SPECIAL EQUIPMENT

Where Customers have connected to the Company's service welding apparatus, high frequency devices or other equipment of a nature to create high momentary loads and where the operation of such equipment is, in the Company's opinion, detrimental to the Company's service, a charge at the rate of \$1.84 per month per kilovolt-ampere or fraction thereof of installed capacity of such equipment will apply and will be added to the monthly bill. The installed capacities of such equipment will be determined from manufacturer's nameplate ratings or by measurement, at the option of the Company. Welding apparatus supplied through motor generators will not be considered in the application of this provision.

LARGE GENERAL TIME-OF-USE

RATE G-3

SPECIAL PROVISIONS

- A. When requested by the Company, the Customer agrees to furnish free of charge adequate accommodations upon its property for the installation of transformers and other apparatus necessary for the Company to furnish service, and to permit the construction of necessary transmission lines upon its property either overhead or underground as mutually agreed upon.
- B. The Company will provide service at approximately 575 volts to service locations existing prior to January 31, 1989. The Company reserves the right to refuse additional or increased loads at 575 volts.

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 12 consecutive months and shall continue thereafter until terminated on six months' written notice by the Customer.

Except for customers engaging in net metering, Customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of May 1, 1995.

GENERAL POWER

**RATE G-4
(Closed)**

AVAILABILITY

This rate is available for general power purposes only at existing service locations to Customers who were taking service under this rate schedule as of February 8, 1980. This rate is not available for standby service in idle plants or buildings, or where operations have been reduced to a small part of normal capacity of the plant.

For industrial service where the connected load is 50 horsepower or more, incidental lighting will be allowed. This rate is subject to the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers alternating current, 60 hertz, approximately 120/240 or 120/208 volts, single-phase; 120/208 or 277/480 volts, 4-wire, three-phase. Voltage as available and at the option of the Company.

RATE PER MONTH

Delivery Services:

Customer:	\$6.10 per month
Distribution (Demand):	\$1.45 per kilowatt
Distribution (Energy):	1.404 cents per kilowatt-hour
Transition (Energy):	2.027 cents per kilowatt-hour
Transmission (Demand):	\$1.14 per kilowatt
Transmission (Energy):	0.303 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer:	As in effect per Tariff
Default Service:	As in effect per Tariff

GENERAL POWER

**RATE G-4
(Closed)**

RATE PER MONTH (continued)

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

**Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment**

DETERMINATION OF BILLING DEMAND

The demand for billing purposes shall be the highest 15-minute demand in kilowatts established during the billing month, but shall not be less than eighty percent (80%) of the highest 15-minute kilovolt-ampere demand as determined by test or any other accepted method, at the option of the Company, and in no event less than thirty (30) kilowatts.

PRIMARY SERVICE

When a Customer takes service at the Company's available primary voltage, as it may exist from time to time, and furnishes and maintains the necessary transforming, switching and protective equipment, a discount of three percent (3%) will apply to the delivery rates specified above.

When the Company meters electricity delivered to a Customer at primary voltage, a discount of two percent (2%) will apply to the bill amount determined under all of the foregoing provisions of this rate schedule.

GENERAL POWER

**RATE G-4
(Closed)**

SPECIAL EQUIPMENT

Where Customers have connected to the Company's service welding apparatus, high-frequency devices, or other equipment of a nature to create high momentary demands and where the operations of such equipment is, in the Company's opinion, detrimental to the Company's service, a charge at the rate of \$1.18 per month per kilovolt-ampere or fraction thereof of installed capacity of such equipment will apply and will be added to the monthly bill.

The installed capacities of such equipment will be determined from manufacturer's nameplate ratings or by measurement, at the option of the Company. Welding apparatus supplied through motor generators will not be considered in the application of this provision.

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of bill.

TERM

Until terminated on 3 business days' written notice by the Customer.

Except for Customers engaging in net metering, Customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of May 1, 1995.

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President

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COMMERCIAL SPACE HEATING

**RATE G-5
(Closed)**

AVAILABILITY

This rate is available only at existing service locations to Customers who were taking service prior to January 31, 1989 for electric space heating through a separate meter where electricity is the sole means of heating the premises. All space heating equipment shall be permanently installed. Heat pumps may be used for both heating and air conditioning. Air conditioning and incidental water heating, not including central kitchen or laundry use, may be included in this service at the Customer's option. This rate is not available for service to individually-metered residences. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltage under this rate schedule. As available and at the Company's option, such service shall be either single-phase at approximately 120/240 or 120/208 volts or 4-wire, three-phase at approximately 120/208 or 277/480 volts.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$5.96 per month
Distribution:	3.179 cents per kilowatt-hour
Transition:	2.027 cents per kilowatt-hour
Transmission:	0.714 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer:	As in effect per Tariff
Default Service:	As in effect per Tariff

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President**

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COMMERCIAL SPACE HEATING

**RATE G-5
(Closed)**

RATE PER MONTH (continued)

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

**Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment**

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 12 consecutive months and shall continue thereafter until terminated on 3 business days' written notice by the Customer.

Except for Customers engaging in net metering, Customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of May 1, 1995.

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President**

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ALL-ELECTRIC SCHOOL

**RATE G-6
(Closed)**

AVAILABILITY

This rate is available only at existing service locations to Customers who were taking service as of February 8, 1980 under an all-electric school rate schedule or under a special contract for all-electric school service.

This rate is available for annual service in public and private school buildings where electricity supplies the total energy requirements of the premises served. The design and installation of electrical equipment for space heating, water heating, cooking and other purposes shall be acceptable to the Company. This rate is subject to the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltage under this rate schedule. As available and at the Company's option, such service shall be either single-phase at approximately 120/240 or 120/208 volts or 4-wire, three-phase at approximately 120/208 or 277/480 volts.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$29.93 per month
Distribution:	1.057 cents per kilowatt-hour
Transition:	2.027 cents per kilowatt-hour
Transmission:	0.591 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer:	As in effect per Tariff
Default Service:	As in effect per Tariff

ALL-ELECTRIC SCHOOL

**RATE G-6
(Closed)**

RATE PER MONTH (continued)

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

PRIMARY SERVICE

When a Customer takes service at the Company's available primary voltages (13,200 volts and 25,000 volts) and furnishes and maintains the necessary transforming, switching and protective equipment, a discount of 3% will apply to the delivery rates specified above.

When the Company meters electricity at primary voltage to a Customer taking primary voltage service, a discount of 2% will apply to the bill amount determined under all of the foregoing provisions of this rate schedule.

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President

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ALL-ELECTRIC SCHOOL

**RATE G-6
(Closed)**

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 12 consecutive months and shall continue thereafter until terminated on 3 business days' written notice by the Customer.

Except for Customers engaging in net metering, Customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of May 1, 1995.

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President**

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OPTIONAL GENERAL TIME-OF-USE

RATE G-7

AVAILABILITY

This rate is available for all non-residential uses of electricity to Customers who take all of their electric service requirements hereunder except those customers whose load for billing purposes either exceeds or is estimated to exceed 100 kilowatts in each of 12 consecutive billing months. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltage under this rate schedule. As available and at the Company's option, such service shall be either single-phase at approximately 120/240 or 120/208 volts or 4-wire, three-phase at approximately 120/208 or 277/480 volts.

RATE PER MONTH (ANNUAL)

Annual Service:

Annual service is defined as service where the kilowatt-hours used in the four billing months ending between June 1st and September 30th are less than the kilowatt-hours used by the same Customer during the other eight billing months in the calendar year.

Delivery Services:

Customer Charge:	\$10.07 per month
Distribution (Demand):	\$3.04 per kilowatt
Distribution (Energy):	
Peak Load Period	1.995 cents per kilowatt-hour
Low Load Period	1.234 cents per kilowatt-hour
Transition (Energy):	2.069 cents per kilowatt-hour
Transmission (Demand):	\$1.90 per kilowatt

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President

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OPTIONAL GENERAL TIME-OF-USE

RATE G-7

RATE PER MONTH (ANNUAL) (continued)

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE PER MONTH (SEASONAL)

Seasonal Service:

Seasonal Service is defined as service where the kilowatt-hours used in the four billing months ending between June 1st and September 30th are more than the kilowatt-hours used by the same Customer during the other eight billing months in the calendar year.

Delivery Services:

Customer: \$10.07 per month

Distribution (Demand): \$3.46 per kilowatt

Distribution (Energy):
Peak Load Period 4.399 cents per kilowatt-hour
Low Load Period 3.612 cents per kilowatt-hour

Transition (Energy): 2.069 cents per kilowatt-hour

Transmission (Demand): \$0.81 per kilowatt

Transmission (Energy): 0.005 cents per kilowatt-hour

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OPTIONAL GENERAL TIME-OF-USE

RATE G-7

RATE PER MONTH (SEASONAL) (continued)

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

A Customer requesting a reconnection of service at a location where service to such Customer was terminated at the Customer's request during the prior 12 months shall pay a minimum charge for the first billing month after reconnection equal to the charges for regular service described above plus: (1) the sum of the monthly Customer charges for each month during which service was not taken, and (2) a reconnection charge of \$50.

RATE ADJUSTMENTS

The charges for delivery service provided above under Annual and Seasonal, shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

PRIMARY SERVICE

When a Customer takes service at the Company's available primary voltage (13,200 volts or 25,000 volts) and furnishes and maintains the necessary transforming, switching and protective equipment, a discount of 3% will apply to the delivery rates specified above.

When the Company meters electricity at primary voltage to a Customer taking primary voltage service, a discount of 2% will apply to the bill amount determined under all of the foregoing provisions of this rate schedule.

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President**

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OPTIONAL GENERAL TIME-OF-USE

RATE G-7

DETERMINATION OF CUSTOMER DEMAND

For billing purposes, Customer's load in demand units ("demand") shall be the greatest rate of taking service for any 15-minute interval during the Peak Load Period of the billing month as measured in kilowatts by a suitable meter or as otherwise determined by the Company. The demand shall be determined to the nearest whole kilowatt.

For Customers taking service at primary voltage, the demand shall be a minimum of 50 kilowatts.

BILLING PERIODS

Peak Load Period:

During that portion of the year when eastern daylight savings times is in effect, the period beginning at 9:00 a.m. ending at 6:00 p.m. on all weekdays, Monday through Friday.

During that portion of the year when eastern standard time is in effect, the period beginning at 4:00 p.m. and ending at 9:00 p.m. on all weekdays, Monday through Friday.

Low Load Period:

All hours not included in the Peak Load Period.

SPECIAL EQUIPMENT

Where Customers have connected to the Company's service welding apparatus, high frequency devices or other equipment of a nature to create high momentary loads and where the operation of such equipment is, in the Company's opinion detrimental to the Company's service, a charge at the rate of \$1.75 per month per kilovolt-ampere or fraction thereof of installed capacity of such equipment will apply and will be added to the monthly bill.

The installed capacities of such equipment will be determined from manufacturer's nameplate ratings or by measurement, at the option of the Company. Welding apparatus supplied through motor generators will not be considered in the application of this provision.

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President**

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OPTIONAL GENERAL TIME-OF-USE

RATE G-7

SPECIAL PROVISIONS

- A. When requested by the Company, the Customer agrees to furnish free of charge adequate accommodations upon its property for the installation of transformers and other apparatus necessary for the Company to furnish service, and to permit the construction of necessary transmission lines upon its property either overhead or underground as mutually agreed upon.
- B. The Company will provide service at approximately 575 volts to service locations existing prior to January 31, 1989. The Company reserves the right to refuse additional or increased loads at 575 volts.

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 12 consecutive months and shall continue thereafter until terminated on 30 days' written notice by the Customer.

Except for Customers engaging in net metering, Customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of May 1, 1995.

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President

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OUTDOOR LIGHTING

RATE S-1

AVAILABILITY

Upon written application and the execution of an Outdoor Lighting Service Agreement, outdoor lighting services are available under this rate schedule to any Customer for approximately 4,000 hours of operation per year. Street Lighting Service is available hereunder for the lighting of streets, highways and other roadways which have been accepted as public ways by a city, town or other duly authorized public authority. Area Lighting and Floodlighting Services are available hereunder for other outdoor lighting applications. Service under this rate is subject to the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

STREET LIGHTING SERVICE

Delivery Services:

- A. Basic Annual Charges apply to overhead connected lighting units on poles carrying other electric power circuits.

	<u>Nominal Rating</u>		<u>Basic Annual Charges</u>	
	<u>Lumens</u>	<u>Watts</u>	<u>Luminaire Charge</u>	<u>Transmission Charge</u>
Mercury Vapor	4,200	100	\$80.01	\$2.96
	8,600	175	89.27	4.88
	12,100	250	103.27	6.80
	22,500	400	126.89	10.71
	63,000	1,000	233.38	25.64
High Pressure Sodium	4,000	50	66.06	1.36
	5,800	70	68.74	1.94
	9,500	100	73.67	2.73
	16,000	150	80.56	3.98
	27,500	250	101.76	6.89
	50,000	400	126.60	10.96
High Pressure Sodium Cutoffs	4,000	50	66.66	1.36
	5,800	70	74.70	1.94
	9,500	100	73.67	2.73
	16,000	150	80.56	3.98

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President

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OUTDOOR LIGHTING

RATE S-1

STREET LIGHTING SERVICE (continued)

Delivery Services: (continued)

A. Basic Annual Charges (continued)

	<u>Nominal Rating</u>		<u>Basic Annual Charges</u>	
	<u>Lumens</u>	<u>Watts</u>	<u>Luminaire Charge</u>	<u>Transmission Charge</u>
High Pressure Sodium	27,500	250	101.76	6.89
Cutoffs	50,000	400	126.60	10.96
Open Incandescent	1,000	-	\$75.55	\$2.37
	2,500	-	88.01	4.56
Enclosed Incandescent	6,000	-	120.04	10.12
	10,000	-	141.36	14.00

B. Special Provisions

1. The following additional charges shall be added to the above Basic Annual Charge for existing units utilized only for street lighting purposes:

- a. Where a street lighting fixture is installed on a metal pole with an overhead service connection and the Company installs, owns and maintains the metal pole assembly:

Installed prior to January 31, 1989	\$ 44.68 per year
Installed on or after January 31, 1989	\$170.98 per year

- b. Where a street lighting fixture is installed on a metal pole with an underground service connection and the Company installs, owns and maintains the metal pole assembly, underground cable, conduit, manholes, and sub-base:

Installed prior to January 31, 1989	\$ 74.47 per year
Installed on or after January 31, 1989	\$283.59 per year

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President

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OUTDOOR LIGHTING

RATE S-1

B. Special Provisions (continued)

- c. Where a street lighting fixture is installed on a metal pole with an underground service connection and the Company installs, owns and maintains the metal pole assembly and underground cable, and the Customer furnishes, installs, owns and maintains the conduit, manholes and sub-base, a charge of \$140.00 per year shall apply to each such unit.

2. URD Post-Top Lighting Service:

Colonial style mercury vapor post-top lighting service shall be provided only at existing locations served as of August 1, 1979 in qualifying Underground Residential Developments as follows:

	<u>Nominal Rating</u>		<u>Distance from</u>	<u>Basic Annual Charge</u>	
	<u>Lumens</u>	<u>Watts</u>		<u>Power Source</u>	
				<u>Luminaire Charge</u>	<u>Transmission Charge</u>
(i)	4,200	100	5 feet or less	\$138.61	\$2.73
(i)	4,200	100	5 to 100 feet	146.36	2.73
(ii)	4,200	100	5 to 100 feet	79.04	2.73
(ii)	4,200	100	5 feet or less	86.78	2.73

Annual Charge (i) above will apply when the Company furnishes, installs, owns and maintains the post-top lighting fixtures, poles and associated equipment.

Annual Charge (ii) above will apply when the Customer furnishes and installs at his own expense the post-top lighting fixtures, poles and associated equipment, and the Company owns and maintains said facilities.

3. An annual charge (iii) below shall be applicable to 70 watt sodium vapor post-top lighting units converted from existing incandescent units supplied from underground circuits and located in the City of New Bedford and the Town of Marion. This provision is only applicable to Customers who have executed an agreement with the Company to convert the incandescent fixtures to sodium vapor on or before September 1, 1988. After such date the Company may require an additional payment to cover any excess costs of converting such facilities. Replacement or relocation of existing fixtures in these municipalities will be at the Customer's expense.

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President

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OUTDOOR LIGHTING

RATE S-1

STREET LIGHTING SERVICE (continued)

Delivery Services: (continued)

B. Special Provisions (continued)

3. (continued)

			<u>Basic Annual Charge</u>	
			<u>Luminaire Charge</u>	<u>Transmission Charge</u>
(iii)	Sodium Post Top	70W	\$82.45	\$1.94

4. URD Street Lighting Service:

Where a sodium street lighting fixture is installed on a pole with an underground service connection and the Company, at the request of a municipality only, installs or replaces, owns and maintains a portion or all of the facilities required for service, the following charges shall apply to each installation as appropriate.

a. Fiberglass Poles with Shoebox Sodium Fixtures:

			<u>Basic Annual Charge</u>	
			<u>Luminaire Charge</u>	<u>Transmission Charge</u>
			<u>Nominal Rating</u>	
			<u>Lumens</u>	<u>Watts</u>
(i)	5,800	70	\$220.07	\$1.94
(i)	16,000	150	233.68	3.98
(i)	27,500	250	253.69	6.89
(ii)	5,800	70	\$112.60	
(ii)	16,000	150	112.60	
(ii)	27,500	250	112.60	
(iii)	5,800	70	\$332.67	\$1.94
(iii)	16,000	150	346.28	3.98
(iii)	27,500	250	366.29	6.89

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OUTDOOR LIGHTING

RATE S-1

STREET LIGHTING SERVICE (continued)

Delivery Services: (continued)

B. Special Provisions (continued)

4. URD Street Lighting Service (continued)

Annual charge (i) above will apply to above ground facilities consisting of the fiberglass pole and the shoebox sodium fixture.

Annual charge (ii) above will apply to below ground facilities consisting of the underground service connection.

Annual charge (iii) above will apply to the complete installation of the above and below ground facilities.

b. Wood Poles:

<u>Annual Charge</u>		
<u>(i)</u>	<u>(ii)</u>	<u>(iii)</u>
\$81.02	\$112.60	\$193.62

Annual charge (i) above will apply to above ground facilities consisting of the wood pole.

Annual charge (ii) above will apply to below ground facilities consisting of the underground service connection.

Annual charge (iii) above will apply to the complete installation of the above and below ground facilities.

C. Transition Charge: 1.985 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

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President**

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OUTDOOR LIGHTING

RATE S-1

AREA LIGHTING AND FLOODLIGHTING SERVICE

Delivery Services:

A. Area Lighting

	<u>Nominal Rating</u>		<u>Basic Annual Charge</u>	
	<u>Lumens</u>	<u>Watts</u>	<u>Luminaire Charge</u>	<u>Transmission Charge</u>
Mercury Vapor	4,200	100	\$80.01	\$2.96
	8,600	175	89.27	4.88
	12,100	250	103.27	6.80
	22,500	400	126.89	10.71
	63,000	1,000	233.38	25.64
Sodium Vapor	4,000	50	\$66.06	1.36
	5,800	70	69.34	1.94
	9,500	100	73.67	2.73
	16,000	150	80.56	3.98
	27,500	250	101.76	6.89
	50,000	400	126.60	10.96
Sodium Vapor Cut-offs	4,000	50	\$66.66	1.36
	5,800	70	74.70	1.94
	9,500	100	73.67	2.73
	16,000	150	80.56	3.98
	27,500	250	101.76	6.89
	50,000	400	126.60	10.96

B. Floodlighting

Sodium Vapor	16,000	150	\$96.80	\$4.27
	27,500	250	118.12	6.98
	50,000	400	138.42	10.48
Metal Halide	36,000	400	\$137.52	10.23

OUTDOOR LIGHTING

RATE S-1

AREA LIGHTING AND FLOODLIGHTING SERVICE (continued)

C. Pole Charge for Area Lighting or Floodlighting

- a. Basic annual charges for separate wood poles used to support only lighting units are set forth below:

	<u>Basic Annual Charges</u>		
	<u>Wood Poles</u>		
	<u>30ft</u>	<u>35ft</u>	<u>40ft</u>
Poles installed before January 1, 1996	\$49.44	\$49.44	\$49.44
Poles installed after January 1, 1996	\$91.15	\$94.72	\$102.47

- b. The basic annual charge for providing a section of secondary wire not to exceed 150 feet for connecting lighting units to a wood pole for both Company and Customer owned and installed poles is \$53.62.

D. Transition Charge: 1.985 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

RATE ADJUSTMENTS

The charges for the delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

Issued by: Thomas J. May
President

Filed: December 3, 2003
Effective: January 1, 2004

OUTDOOR LIGHTING

RATE S-1

GENERAL CONDITIONS

- A. Service under this rate is contingent upon Company-ownership and maintenance of outdoor lighting facilities. The Company shall specify standard outdoor lighting equipment to be utilized for providing service hereunder.**
- B. All outdoor lighting installations under this rate shall be subject to the Company's approval in all respects, including the size, location, spacing and type of luminaire to be provided. The Company may refuse service hereunder for any installation which does not conform to good lighting practices in the sole opinion of the Company. By its approval or acceptance of any outdoor lighting installation, the Company does not give any warranty, expressed or implied, as to the adequacy, safety or other characteristics of said installation.**
- C. The Company may require that Customers who terminate service or request temporary service, or the removal of outdoor lighting units without replacement or changes in the sizes, types or locations of outdoor lighting units pay to the Company the undepreciated costs less salvage value, if any, of the equipment which is taken out of service, removed without replacement, relocated or substantially altered by the Company. However, all incandescent lighting units shall be exempt from this provision.**
- D. The total number of new installations, replacements or relocations of street lighting units in any annual period may be limited by the Company to not more than 10% of the total number of units billed to the Customer at the beginning of such annual period.**
- E. The Company will maintain all wires, lamps and other equipment owned by it. The Customer will notify the Company of any failure of lights to operate properly and the Company will complete the necessary repair or replacement within 3 regular working days, with no reduction in charges for such inoperative periods. Lamp replacement and maintenance shall be performed by the Company during normal working hours.**
- F. Outdoor lighting units furnished under this rate schedule shall be subject to all applicable charges hereunder, except that, in the event any street lighting unit is not lighted for a period exceeding 3 nights duration for any reason whatsoever, such unit shall not be subject to the rates herein for the period during which it is unlighted, as determined by the Company**
- G. Where the costs of underground connected street lighting facilities provided at the request of a Customer pursuant to this rate schedule exceed the costs of such facilities which are supported by the applicable annual charges included in this rate schedule, the Customer shall pay to the Company the excess costs of such facilities.**

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President**

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OUTDOOR LIGHTING

RATE S-1

GENERAL CONDITIONS (continued)

- H. Area lighting and floodlighting fixtures will be installed on standard poles owned either by the Company or the Customer located not more than one distribution span length from the nearest pole on the public way. Poles shall be accessible to trucks and other equipment of the Company at all times. Service may be furnished at other locations subject to appropriate additional charges, at the option of the Company.
- I. Where temporary service is desired, the Customer shall reimburse the Company for its costs of installing and removing outdoor lighting facilities.

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Annual charges will be prorated monthly. Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 12 months and shall continue thereafter until canceled on 30 days' written notice except that temporary service may be canceled at any time upon 10 days' written notice.

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STREET LIGHTING - CUSTOMER OWNED

RATE S-2

AVAILABILITY

Upon written application and the execution of a Customer Owned Street Lighting Agreement with the Company and pole attachment License Agreement with the Company and any joint owner(s) of poles, Streetlighting Service is available under this rate schedule for streetlighting installations owned by any city, town or other public authority. Streetlighting Service is provided hereunder for approximately 4,000 hours of operation per year for the lighting of streets, highways and other roadways which have been deemed as public ways by the municipality. Service under this rate is further subject to the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time. Maintenance service provided by the Company pursuant to this rate shall be available only to Customers taking maintenance service under this rate as of April 1, 2003, or Customers that have requested maintenance service in writing from the Company prior to April 1, 2003.

STREET LIGHTING SERVICE

Delivery Services:

- A. Basic annual charges for overhead connected lighting units on poles carrying other electric power circuits:

1. Standard Fixtures

	<u>Nominal Rating</u>		<u>Basic Annual Charges</u>	
	<u>Lumens</u>	<u>Watts</u>	<u>Luminaire Charge</u>	<u>Transmission Charge</u>
Mercury Vapor	4,200	100	\$ 26.79	\$2.96
	8,600	175	37.49	4.88
	12,100	250	48.78	6.80
	22,500	400	70.54	10.71
	63,000	1,000	155.81	25.64
High Pressure Sodium	4,000	50	17.99	1.36
	5,800	70	20.74	1.94
	9,500	100	25.77	2.73
	16,000	150	32.84	3.98
	27,500	250	49.07	6.89
	50,000	400	72.07	10.96

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STREET LIGHTING - CUSTOMER OWNED

RATE S-2

STREET LIGHTING RATE (continued)

Incandescent	1,000	105	23.44	2.37
	2,500	202	35.59	4.56
	6,000	448	67.79	10.12
	10,000	620	89.62	14.00

2. For other streetlighting fixtures approved by the Company the following rates shall apply:

Customer Charge:	\$9.00 per fixture per year
Distribution Charge:	3.098 cents per kilowatt-hour
Transmission Charge:	0.565 cents per kilowatt-hour

The Energy Charges per month shall be based on the monthly burning hour schedule and the consumption rating for the individual sizes and types of lighting units as determined by the Company.

Other Charges:

Additional charges shall be added to the charges in section A.1. and A.2. above where overhead and underground connected poles are used only for street lighting purposes. Such charges shall be equal to the charges for this service as set forth in the Company's filed Outdoor Lighting Rate S-1 as in effect from time to time.

3. Transition Charge: 1.985 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer:	As in effect per Tariff
Default Service:	As in effect per Tariff

**Issued by: Thomas J. May
President**

**Filed: December 3, 2003
Effective: January 1, 2004**

STREET LIGHTING - CUSTOMER OWNED

RATE S-2

STREET LIGHTING SERVICE (continued)

B. In addition to the charges in section A above, the following rates shall apply for services rendered by the Company at the Customer's request.

1. Installation or Removal Charge

\$107.83 per fixture each time a fixture is installed or removed.

2. Relocation Charge

\$215.67 per fixture each time a fixture is relocated.

3. Transfer Charge

\$44.68 per fixture each time a fixture is transferred to a new pole because of the replacement of an existing pole due to damage or accident.

4. Maintenance Charge

The following rates shall apply for maintenance service provided by the Company for Customers who have elected to receive such service in accordance with the Customer Owned Street Lighting Agreement. Such maintenance service shall be available only for lighting units listed under section A.1. of this rate schedule.

	<u>Annual Charge</u>
Mercury Vapor (all sizes)	\$ 18.46
High Pressure Sodium Vapor (all sizes)	\$ 14.89
Incandescent (all sizes)	\$ 122.73

STREET LIGHTING - CUSTOMER OWNED

RATE S-2

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

GENERAL CONDITIONS

- A. The Customer agrees to pay when due all charges and fees which the Company may, from time to time, be entitled to pursuant to the provisions of the pole attachment License Agreement and the Street Lighting Agreement .
- B. The Company will be solely responsible for the installation, removal, relocation and transfer of all Customer owned streetlighting fixtures. The Customer shall make any request to the Company for the installation, removal, and relocation of streetlighting fixtures in writing on an approved form for acceptance by the Company. By its approval or acceptance of any streetlighting installation, the Company does not give any warranty, expressed or implied, as to the adequacy, safety or other characteristics of said installation.
- C. All streetlighting facilities provided by the Customer for installation on the Company's system shall be free from all defects and shall in no way jeopardize the Company's electric distribution system. The Company may refuse to allow the placement of any streetlighting facilities which, in the Company's sole reasonable opinion, are not so free from defects or that might so jeopardize said system.
- D. The total number of new installations, replacements or relocations of streetlighting units in any annual period may be limited by the Company to not more than 10% of the total number of units billed to the Customer at the beginning of such annual period.
- E. Where the Customer has elected prior to April 1, 2003 to receive maintenance service provided by the Company, the Company will maintain all wires, lamps, fixtures and other equipment. The Customer will notify the Company of any failure of lights to operate properly and the Company will complete the necessary repair or replacement within 3 regular working days, with no reduction in charges for such inoperative periods. Lamp replacement and maintenance shall be performed by the Company during normal working hours.

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President

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STREET LIGHTING - CUSTOMER OWNED

RATE S-2

GENERAL CONDITIONS (continued)

- F. Where the Customer has elected prior to April 1, 2003 to receive maintenance service provided by the Company, and where any street lighting unit is not lighted for a period exceeding 3 nights duration, such unit shall not be subject to the rates herein for the period during which it is unlighted, as determined by the Company.
- G. Where the Customer has elected to provide its own maintenance of streetlighting facilities, such maintenance is expressly limited to the replacement of the lamp, photo-cell control, and starter aid, and to the cleaning of the reflector and refractor, and other minor incidental work specifically limited to the lighting fixture itself. All allowed activities shall be performed using bucket trucks, without climbing on poles and at a working height not to exceed the height of the applicable streetlighting facility.
- H. The Customer shall be responsible for specifying the type and size (wattage/lumen rating) of lighting fixtures served under Section B of the rate schedule.

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Annual Charges will be prorated monthly. Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 12 months and shall continue thereafter until cancelled on 30 days' written notice except that temporary service may be cancelled at any time upon 10 days' written notice.

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President

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DEFAULT SERVICE ADJUSTMENT

The prices for Retail Delivery Service contained in all the rates of the Company are subject to adjustments to reflect the power purchase costs incurred by the Company in arranging Default Service, which costs are not recovered from Customers through the Default Service rate charged to Default Service Customers.

On a annual basis, the Company shall reconcile its total cost of purchased power for default service supply against its total default service revenue, and the excess or deficiency shall be refunded to, or collected from, Customers on a per kilowatt-hour basis over the following twelve (12) months, with interest. Such a per kWh charge or credit is referred to as the Default Service Adjustment Factor. For purposes of the above reconciliation, total purchased power revenues shall mean all revenues collected from Default Service Customers through the Default Service rate for the applicable twelve (12) month reconciliation period together with payments or credits from suppliers. If there is a positive or negative balance in the then current Default Service Adjustment account outstanding from the prior period, the balance shall be credited against or added to the new reconciliation amount, as appropriate, in establishing the Default Service Adjustment Factor for the new reconciliation period.

The rate for the Default Service Cost Adjustment Factor, effective January 1, 2004, shall be equal to \$0.00440 per kilowatt-hour.

The calculation of the Default Service Adjustment Factor shall be subject to the review and approval of the Department of Telecommunications and Energy.

This provision is applicable to all Retail Delivery Service rates of the Company.

*Filed Pursuant to Order of the
Massachusetts Department of Telecommunications and Energy
Issued February 27, 1998 in D.P.U./D.T.E. 97-111*

Issued by: Thomas J. May
President

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Effective: January 1, 2004

**CAMBRIDGE ELECTRIC LIGHT COMPANY
COMMONWEALTH ELECTRIC COMPANY
d/b/a NSTAR ELECTRIC**

Direct Testimony of Joseph F. Lanzel

Exhibit CAM-COM-JFL

D.T.E. 03-118

1 **I. INTRODUCTION**

2 **Q. Please state your name and business address.**

3 A. My name is Joseph F. Lanzel. My business address is 1 NSTAR Way,
4 Westwood, MA 02090.

5 **Q. By whom are you employed and in what capacity?**

6 A. I am Director of Regulatory Requirements for the regulated operating companies
7 of NSTAR. In this capacity, I am responsible for all regulatory filings concerning
8 the financial requirements of Boston Edison Company ("Boston Edison"),
9 Cambridge Electric Light Company ("Cambridge"), Commonwealth Electric
10 Company ("Commonwealth") and NSTAR Gas Company.

11 **Q. Please briefly summarize your educational background and business**
12 **experience.**

13 A. I have a Bachelor of Science degree in Electrical Engineering from the University
14 of Pittsburgh and a Masters Degree in Business Administration with a
15 specialization in finance from the University of Chicago. From 1990 to 1999, I
16 worked in the oil and gas industry with Atlantic Richfield Company, where I held
17 various financial positions. I was hired by NSTAR in March of 1999 as Manager
18 of Long Range Planning. Subsequently, I held the position of Director, Financial

1 and Strategic Planning, and in June of 2002, I assumed my current position as
2 Director of Regulatory Requirements.

3 **Q. Please describe your present responsibilities.**

4 A. As Director of Regulatory Requirements, I am responsible for directing the
5 preparation of financial data required for rate case filings and serve as the revenue
6 requirement witness. My responsibilities currently include, among a variety of
7 other financial services, the reconciliation of Cambridge's and Commonwealth's
8 Transition Charge that forms the basis of my testimony today.

9 **Q. Have you previously testified before the Department of Telecommunications
10 and Energy (the "Department") or any other regulatory body?**

11 A. Yes. I offered testimony in the 2002 transition charge reconciliation filing for
12 Boston Edison, Cambridge, and Commonwealth (D.T.E. 02-80A and D.T.E 02-
13 80B). In addition, at Federal Energy Regulatory Commission (the "FERC"), I
14 testified in Docket No. EL02-123-002, and I have offered testimony in Docket
15 No. ER03-1274-000, both on behalf of Boston Edison.

16 **II. PURPOSE OF TESTIMONY**

17 **Q. What is the purpose of your testimony?**

18 A. My testimony addresses the reconciliation filing for Cambridge and
19 Commonwealth (the "Companies"). Its purpose is to provide support for the
20 Companies' request for approval of the proposed Transition Charge, Retail
21 Transmission, Standard Offer Service, and Default Service Adjustment rates to

1 become effective January 1, 2004. My testimony also requests approval of the
2 2003 preliminary reconciliation of Transition Charge, Retail Transmission,
3 Standard Offer Service, and Default Service expenses and revenues and presents
4 an estimate of such expenses and revenues for 2004. Further, I will describe the
5 Company's efforts to mitigate its transition costs to the maximum extent possible,
6 consistent with the Act. Finally, I will describe how NSTAR Electric procures
7 Standard Offer and Default Service for Cambridge and Commonwealth customers
8 and NSTAR Electric's proposal for continued procurement during the year 2004.

9 **Q. Please explain the requirement for Transition Charge Reconciliation.**

10 A. Section 1A(a) of the Act requires the Department to review and to reconcile the
11 difference between projected transition costs and actual transition costs
12 periodically.

13 Cambridge and Commonwealth's Restructuring Plan, as approved by the
14 Department in D.P.U./D.T.E. 97-111, requires an annual reconciliation to
15 coincide with the implementation of new rates.

16 My testimony provides a description of the methodology used by the Companies
17 to reconcile the forecast of Transition Charge revenues for the period January 1,
18 2003 through December 31, 2003. This includes information concerning
19 Transition Charge revenues and costs for 2003 using actual data, where available,
20 and forecast data for the remainder of the year.

1 **Q. Please describe the exhibits included as attachments to your testimony.**

2 **A. In addition to this testimony, CAM-COM-JFL, I sponsor seven exhibits for each**
3 **of Cambridge and Commonwealth as follows:**

4 **Exhibits CAM-JFL-1 and COM-JFL-1** are each twelve-page exhibits that
5 summarize the development of the Companies' proposed Transition Charge for
6 2004 and the preliminary reconciliation of Transition Charge costs and revenues
7 for the period January 1, 2003 through December 31, 2003.

8 **Exhibits CAM-JFL-2 and COM-JFL-2** are eight-page and twelve-page
9 exhibits, respectively, that that calculate the Fixed Component of the transition
10 charge for Cambridge and Commonwealth. The total fixed component is
11 summarized on page one of this Exhibit and carried forward to page 3 of the
12 respective Exhibit CAM-JFL-1 or COM-JFL-1.

13 **Exhibits CAM-JFL-3 and COM-JFL-3** are two-page exhibits that determine the
14 Companies' proposed Transmission Charge for 2004 and sets forth the
15 preliminary reconciliation of Transmission Charge revenues for the period
16 January 1, 2003 through December 31, 2003.

17 **Exhibits CAM-JFL-4 and COM-JFL-4** are six-page and five-page exhibits,
18 respectively, that set forth the preliminary reconciliation of revenues and expenses
19 for Standard Offer Service during 2003.

1 **Exhibits CAM-JFL-5 and COM-JFL-5** are one-page exhibits that set forth the
2 preliminary reconciliation of revenues and expenses for Default Service during
3 2003.

4 **Exhibits CAM-JFL-6 and COM-JFL-6** are five-page exhibits that project the
5 revenues and expenses for Standard Offer Service during 2004.

6 **Exhibits CAM-JFL-7 and COM-JFL-7** are one-page exhibits that project 2004
7 costs and revenues for Default Service. These exhibits incorporate a Default
8 Service Adjustment for 2004 in order to collect the Default Service deferral
9 balances as of December 31, 2003.

10 As with last year's filing, the Companies anticipate making a supplemental filing
11 in the Spring of 2004, once the accounting for the year 2003 has been completed
12 and actual amounts are known. At that time, actual 2003 information will be
13 available to reconcile 2003 Transition Charges.

14 **III. BACKGROUND OF THE COMPANIES' TRANSITION CHARGES**

15 **Q. What is the purpose of the Companies' Transition Charge?**

16 A. As approved by the Department as part of the Companies' Restructuring Plan,
17 D.P.U./D.T.E. 97-111, and as set forth in the Act, the Transition Charge recovers
18 the above-market costs of generation-related investments and obligations that
19 electric companies have undertaken to provide service to their customers under
20 traditional utility regulation. The Act authorizes and directs the Department to

allow any approved transition costs to be recovered from customers through a non-bypassable Transition Charge collected by the distribution company providing service to such customers. G.L. c. 164, § 1G(e).

Q. What is the history of the Companies' Transition Charge?

A. With Department approval, the Companies have instituted the following transition charges on the dates indicated.

<u>Effective Date</u>	Transition Charge Per kilowatthour ("kWh")	
	<u>Cambridge</u>	<u>Commonwealth</u>
March 1, 1998	\$0.02730	\$0.04080
June 1, 1998	\$0.02730	\$0.04080
January 1, 1999	\$0.01447	\$0.03159
September 1, 1999	\$0.01224	\$0.02998
January 1, 2000	\$0.00294	\$0.02856
January 1, 2001	\$0.01445	\$0.03028
January 1, 2002	\$0.01139	\$0.03030
January 1, 2003	\$0.00200	\$0.02749

Q. What are the Companies' proposed Transition Charges for the year 2004?

A. The proposed average Transition Charge is \$0.00253 per kWh for Cambridge and \$0.02027 per kWh for Commonwealth. This charge is to become effective on January 1, 2004.

1 **Q. Are there any notable differences between the methodology used to compute**
2 **the proposed Transition Charges for 2004 and the methodology that was**
3 **used in prior years?**

4 A. The basic methodology continues to follow very closely the methodology
5 employed in last year's reconciliation filing.

6 **IV. CALCULATION OF THE PROPOSED TRANSITION CHARGES**

7 **Q. Please describe the categories of transition costs.**

8 A. The Companies' transition costs each consist primarily of two components: (1) a
9 Fixed Component and (2) a Variable Component. The Fixed Component includes
10 amortization and return for the unrecovered net book value of the Companies'
11 generation generation-related regulatory assets, net of the residual value credit
12 adjustment. The Variable Component primarily includes above-market
13 purchased-power contract costs, payments in lieu of taxes, decommissioning,
14 transmission in support of remote generation, contract buyouts, wholesale credits,
15 miscellaneous costs, net recoveries from claims and a rate design adjustment. I
16 say "primarily" because there are also two other elements of cost, the Transition
17 Charge Mitigation Incentive and interest on the prior year's over (or under)
18 collected balance, that are recovered through the Transition Charge, but that are
19 not clearly assigned to either the Fixed or the Variable Component.

1 **Q. How did the Companies develop their proposed Transition Charges to**
2 **become effective on January 1, 2004?**

3 A. The proposed 2004 Transition Charges are developed in Exhibits CAM-JFL-1 and
4 COM-JFL-1. The starting point is the amount of under-collection for the year
5 2002. This balance is taken from Exhibits CAM-JFL-1(Supp) and COM-JFL-
6 1(Supp) in D.T.E. 02-80B, updated to reflect the subsequent settlement of D.T.E.
7 01-79. Generally, the Transition Charge expenses to be recovered in 2004 (CAM-
8 JFL-1 and COM-JFL-1, Column J) are divided by the forecast of 2004 kWh retail
9 deliveries in Column B to arrive at the nominal Transition Charge rate shown in
10 Column C. However, because of the mandated 15 percent rate reduction required
11 as part of the Act, Column C has been adjusted downward to comply with that
12 mandate.

13 **EXHIBITS CAM-JFL-1 AND COM JFL-1**

14 **Q. Please describe Exhibits CAM-JFL-1 and COM-JFL-1.**

15 A. Exhibits CAM-JFL-1 and COM-JFL-1 represent the update to the Transition
16 Charge and are made up of the following pages:

	<u>Page</u>	<u>Description</u>
17		
18	1	Transition Charge Calculation for 2004
19	2	Estimated 2003 Transition Revenues
20	3	Fixed Component
21	4	Variable Component
22	5	Other Adjustments
23	6	Decommissioning

1	7	Transmission in Support of Remote Generation
2	8 – 11	Mitigation Incentive Calculation
3	12	Mitigation Incentive Calculation (Commonwealth)
4	12	Blackstone Credit (Cambridge)

5 **Q. Please explain Page 1, the Transition Charge Calculation for 2004.**

6 A. Page 1 is a summary page that compares delivered Transition Charge revenues to
7 actual transition costs to arrive at the annual over- or under-collection for each
8 year. This page begins with the year-end balance for 2002 reflecting the outcome
9 of last year's activity as detailed in the Companies' most recent filings (adjusted
10 for settlements), preliminary data for 2003 (with ten months of actual and two
11 months of forecasted data), and projected data for 2004 and thereafter. Column B
12 shows the actual and forecast gigawatt-hours ("GWh") billed for each calendar
13 year. The forecast for 2004 reflects the Companies' current internal projections
14 of sales. Subsequent years use the 2004 sales forecast, increased by 2 percent per
15 year.

16 For the year 2005 and after, Column C is calculated by dividing Column J (total
17 expenses) by Column B. However, in years when a company's ability to recover
18 its costs is limited by the mandated 15 percent bill reduction, the number in
19 Column C is set at the maximum rate that will meet the reduction criteria. The
20 Transition Charge revenues for delivered GWh (Column D) show the forecast
21 Transition Charge revenues for 2003, as calculated on Page 2. In 2004, Column
22 D is equal to Column B multiplied by Column C. For years subsequent to 2004,

1 Column D is the same as Column J, reflecting each company's intention that the
2 Transition Charge is set at the level such that projected revenues match projected
3 expenses. Transition Charge expenses, or transition costs, are shown in Columns
4 E through I. The total Fixed Component (Column E) is shown on Page 3. The
5 total Variable Component (Column F) is calculated on Page 4. Other
6 Adjustments (Column G) are calculated on Page 5. To these current-year
7 expenses, an adjustment is made for the prior year over- or under-collection
8 (Column H), including interest (Column I) at the customer deposit rate.

9 The amounts shown on Page 1, Columns E through I, are summed, representing
10 the total current year actual transition expense, as shown in Column J. Column K
11 compares the revenues in Column D to the expenses in Column J to arrive at the
12 balance of over- or under-collections for the current year. References for each of
13 the columns can be found at the foot of the page.

14 **Q. Please explain Page 2, 2002 Billed and Unbilled Transition Revenues.**

15 A. The 2002 billed revenues reflect ten months of actual revenue taken from each
16 company's general ledger and two months of estimated revenue from the
17 Companies' current forecast. In order to match billed revenues for 2003 with the
18 revenues associated with kWh delivered during 2003, it is necessary to adjust for
19 unbilled revenues for the end of 2002 with a similar, but opposite, adjustment for
20 the end of 2003. The unbilled revenues forecast for the year-end of 2003 are per
21 the Company's general ledger in order to determine revenues for kWh delivered

1 in 2003. The kWh delivered in 2003 are therefore the billed kWh in 2003 less the
2 estimated unbilled kWh at the end of 2002 plus the estimated unbilled kWh at the
3 end of 2003.

4 **Q. Please describe Page 3, Fixed Component.**

5 A. Page 3 of Exhibits CAM-JFL-1 and COM-JFL-1 are summaries of the Fixed
6 Component amounts and are carried forward from Page 1 of Exhibits CAM-JFL-2
7 and COM-JFL-2, respectively. I will discuss these schedules further below.

8 **Q. Please describe Page 4, Variable Component.**

9 A. The Variable Component is composed of four major elements: (i) above-market
10 costs relating to pre-restructuring purchased-power contracts; (ii) power contract
11 buyout costs; (iii) revenue credits, damages and claims or net recoveries from
12 claims; and (iv) a rate-design adjustment.

13 Page 4 also shows the Actual Nuclear Decommissioning (Column B), which is
14 the actual decommissioning cost incurred by each company as detailed on page 6
15 of the exhibits.

16 The above-market purchased-power costs, or Net Power Obligation as shown in
17 Columns C, D, and E, reflect the difference between the prices paid for electricity
18 by the Companies pursuant to pre-restructuring purchased-power contracts less
19 the market value of the power received from those contracts. Because all of the
20 power was effectively used to supply Standard Offer Service, the Companies

1 determined a “transfer price” to account for the market cost of this power. The
2 calculation of the transfer price and the source of the values for 2003 and 2004 are
3 contained in Exhibits CAM-JFL-4, COM-JFL-4, CAM-JFL-6, and COM-JFL-6.

4 Column F, Transmission in Support of Remote Generation, reflects the actual
5 costs, related to transmitting power from generation that is remote to the
6 Companies’ service territory as is detailed on page 7.

7 Column G for Commonwealth includes an amount for the contract buyout of the
8 CPC Lowell contract, which is being paid out over 54 months.

9 Column H, Actual Payments in Lieu of Property Taxes is currently used only by
10 Commonwealth to show its 11 percent share of the Pilgrim PILOT payment.

11 For Cambridge in 2003 Column I includes an approximate \$10.063 million credit
12 representing the net proceeds from the sale of the Blackstone Street property.
13 For Commonwealth, this column includes its 11 percent of the Pilgrim NEIL
14 credit and the Pilgrim Maxey Flats payment.

15 Column J is currently used only for Cambridge to reflect the credit for Belmont
16 generation related revenues.

17 The Rate Design Adjustment, shown in Column K, established under the terms of
18 settlement agreement in D.T.E. 00-83 provides for a class-specific Transition
19 Charge adjustment. The calculation and implementation of this adjustment is
20 contained in the testimony of Mr. LaMontagne. The amounts for 2004 are

1 calculated on the Exhibits CAM-HCL-6 and COM-HCL-6. This adjustment is
2 not intended as an actual source of additional revenue, and because Exhibits
3 CAM-JFL-1 and COM-JFL-1 set future Transition Charges at levels intended to
4 recover the Companies' costs, it is necessary to remove the aggregate
5 reconciliation impact of the Rate Design Adjustment in the following year. This
6 is done in Column L, titled Reversal of Prior Year Rate Design Adjustment.

7 **Q. Please explain Page 5, Other adjustments.**

8 A. Page 5 summarizes the Transition Charge Mitigation Incentive as well as
9 adjustments for EIS return on investment, gains on sale of utility land and other
10 adjustments, if any. The total from page 5 is carried forward to Exhibits CAM-
11 JFL-1 and COM-JFL-1, page 1, column G.

12 **Q. Please continue the explanation of the remaining pages of CAM-JFL-1 and**
13 **COM-JFL-1.**

14 A. Exhibits CAM-JFL-1 and COM-JFL-1 continue with several more supporting
15 pages that detail the Total Annual Decommissioning Cost (Page 6) and
16 Transmission in Support of Remote Generation (Page 7), which are carried
17 forward to Page 4, columns B and F respectively. Pages 8 through 12 follow,
18 which calculate the Fixed and Variable Mitigation Incentives, which are
19 summarized on page 5. However, Page 12 for Cambridge details a credit for
20 Blackstone Street activity.

1 **Q. Please explain Page 6, Total Annual Decommissioning Cost.**

2 A. Page 6, Total Annual Decommissioning Cost details the decommissioning
3 amounts actually incurred through October 2003 and those forecasted to be
4 incurred through the end of life of the indicated units. As a result of the
5 successful sale of Seabrook 1 and Seabrook 2 on November 1, 2002 (Cambridge
6 and Commonwealth) and of Vermont Yankee on June 30, 2002 (Cambridge
7 only), the decommissioning obligation for these units ends in 2002.

8 **Q. Please explain Page 7, Transmission in Support of Remote Generation.**

9 A. Page 7, Transmission in Support of Remote Generation, details the amounts
10 actually incurred through October 2003 and those forecasted through the end of
11 the life of the related contracts.

12 **Exhibit CAM-JFL-2 and COM-JFL-2**

13 **Q. Please describe Exhibits CAM-JFL-2 and COM-JFL-2.**

14 A. These multi-page exhibits calculate the amount of each company's fixed
15 component. Page 1 summarizes the calculation and the following pages serve to
16 support the numbers on the first page. The results of this schedule are carried
17 forward to page 3 of Exhibits CAM-JFL-1 and COM-JFL-1, as appropriate. For
18 Cambridge, the amounts on Exhibit CAM-JFL-1 for 2003 and future years have
19 been changed to include a Blackstone Credit resulting from the Order for D.T.E.
20 02-76. For Commonwealth, there has been one minor change from the amounts

1 included in Commonwealth's supplemental filing in D.T.E. 02-80B, which was to
2 remove the SO₂ credit, resulting from the settlement agreement in D.T.E. 01-79.

3 Since there is no other numerical changes in these exhibits for this filing, other
4 than the elimination of unneeded pre-2003 data and formatting changes, I will not
5 give a detailed description of these two exhibits in my testimony today.

6 **Exhibit CAM-JFL-3 and COM-JFL-3**

7 **Q. Please describe Exhibits CAM-JFL3 and COM-JFL-3.**

8 A. Exhibits CAM-JFL-3 and COM-JFL-3 show how FERC-approved transmission
9 costs are charged to the Companies' retail customers. The first page of these
10 exhibits derive the proposed average retail transmission rate to be effective
11 January 1, 2004, based on the current forecast for 2004 retail transmission costs in
12 FERC-approved tariffs. Page two of each exhibit includes preliminary true ups
13 for 2003 retail transmission costs. The beginning balance representing the
14 December 31, 2002 deferral amount has been adjusted to reflect the final 2002
15 OATT Revenue Requirement. The proposed Transmission Charges for the
16 Companies, beginning on January 1, 2004, are \$0.01427 per kWh for Cambridge
17 and \$0.00683 per kWh for Commonwealth.

18 **Q. What changes are you proposing for the Transmission Cost Reconciliation**
19 **exhibit?**

20 A. There are no significant changes from the methodology as set forth in the
21 Companies' updated filing in last year's proceedings in D.T.E. 02-80B. The first

1 page of this exhibit is a forecast of 2004 transmission costs applicable to retail
2 customers. The second page has been reformatted to show each month across the
3 page rather than down the page to be consistent with Exhibits CAM-JFL-4/COM-
4 JFL-4 through CAM-JFL-7/COM-JFL-7.

5 **Q. Generally, what are the transmission costs that are included in the total retail**
6 **transmission costs?**

7 A. The retail transmission costs are those costs associated with providing Regional
8 and Local Network transmission service to the retail class that utilize an
9 integrated grid of transmission facilities that comprise both POOL Transmission
10 Facilities ("PTF") and Non-PTF. The operation and control of the PTF is
11 governed by ISO New England, Inc. (the "ISO") and the costs of the facilities are
12 administrated as such by the ISO under the NEPOOL Transmission Tariff. The
13 Non-PTF costs are administered under the Companies' Local Transmission
14 Tariffs.

15 **Q. What are the individual component costs that are assessed to the retail class**
16 **under the NEPOOL Transmission Tariff and under the Local Transmission**
17 **Tariff?**

18 A. Under the NEPOOL Transmission Tariff, transmission costs are assessed for
19 Regional Network Service, Scheduling and Dispatch service at the regional level,
20 Congestion Management, system restoration and planning costs, and VAR
21 support. Under the Local Transmission Tariff, the transmission costs that are

1 assessed are Local Network Service and Scheduling and Dispatch service at the
2 local level.

3 **V. CALCULATION OF THE PROPOSED STANDARD OFFER AND**
4 **DEFAULT SERVICE ADJUSTMENT RATES**

5 **Q. What rates are the Companies proposing for Standard Offer Service?**

6 A. The Standard Offer Service rates for the Companies are set at 5.1 cents per kWh,
7 in accordance with the Companies' Department-approved Restructuring Plans.
8 The Standard Offer Service rate has increased from 4.7 cents per kWh in 2003.
9 The Companies are proposing a Standard Offer Service Fuel Adjustment
10 ("SOSFA") rate in a separate filing.

11 **Q. Please explain Exhibits CAM-JFL-4 and COM-JFL-4.**

12 A. Exhibits CAM-JFL-4 and COM-JFL-4 are reconciliations of Standard Offer
13 Service showing both preliminary supply costs and revenues for the year 2003.
14 These exhibits contain ten months of actual data and two months of projected
15 data. On page 1, a summary of the Standard Offer Service revenues and costs is
16 shown for each month of 2003. Also shown is the total deferral balance, which
17 adds or subtracts the monthly over- or under-recovery to the prior month balance,
18 adjusts for a carrying charge and calculates the new end-of-month deferral. Page
19 2 shows the MWh associated with long-term purchased-power contracts ("PPAs")
20 and the resulting PPAs transfer costs. The PPA transfer price (or "DistCo.
21 Settlement Price (\$/kWh)") is set at a level that is projected to result in a zero

1 deferral balance, i.e., there will be neither an over-recovery nor an under-recovery
2 of costs in comparison to the projected revenues for Standard Offer Service. Page
3 3 summarizes the contracted cost of power under the PPAs; the total PPA supply
4 cost is reflected in CAM-JFL-1 and COM-JFL-1. Page 4 details the costs for
5 short-term power transactions used to supplement existing resources needed to
6 provide Standard Offer Service. Page 5 shows the revenues and associated GWh
7 sales for Standard Offer Service. Exhibit CAM-JFL-4 includes Page 6, showing
8 the GWh sales to wholesale customers, and calculates the wholesale percentage of
9 total sales, when total sales are the sum of wholesale sales and retail Standard
10 Offer sales.

11 **Q. Please explain Exhibits CAM-JFL-5 and COM-JFL-5.**

12 A. Exhibits CAM-JFL-5 and COM-JFL-5 are reconciliations of Default Service
13 showing both preliminary supply costs and revenues for the year 2003. The
14 exhibits contain ten months of actual data and two months of projected data.
15 Default Service revenues and costs are shown for each month of 2003. Also
16 shown is the total deferral balance, which adds or subtracts the monthly over- or
17 under-recovery to the prior month balance, adjusts for a carrying charge and
18 calculates the new end-of-month deferral.

1 **Q. Please explain Exhibits CAM-JFL-6 and COM-JFL-6.**

2 A. These exhibits reflect forecasts of the reconciliation of Standard Offer Service
3 showing both supply costs and revenues for the year 2004. Exhibits CAM-JFL-6
4 and COM-JFL-6 are arranged in the same manner as Exhibits CAM-JFL-4 and
5 COM-JFL-4, respectively.

6 **Q. Please explain Exhibits CAM-JFL-7 and COM-JFL-7.**

7 A. These exhibits reflect forecasts for the reconciliation of Default Service showing
8 both supply costs and revenues for the year 2004. Exhibits CAM-JFL-7 and
9 COM-JFL-7 are arranged in the same manner as Exhibits CAM-JFL-5 and COM-
10 JFL-5, respectively. Also, Exhibits CAM-JFL7 and COM-JFL-7 calculate the
11 Default Service Adjustment rates necessary to eliminate, by the end of 2004, the
12 Default Service deferrals accrued as of December 31, 2003.

13 **Q. What rates are the Companies proposing for the Default Service**
14 **Adjustment?**

15 A. The Default Service Adjustment rate for Cambridge is \$0.00265 per kWh, and for
16 Commonwealth is \$0.00440 per kWh. In 2003, Commonwealth had no Default
17 Service Adjustment, while Cambridge had a Default Service Adjustment of
18 \$0.00160 per kWh. In accordance with Department requirements and the
19 Companies' tariffs, these rates will be applied to all customers irrespective of the
20 service they are receiving.

1 **Q. What is the source for Standard Offer and Default Service revenues shown in**
2 **Exhibits CAM-JFL-4, CAM-JFL-5, CAM-JFL-6, CAM-JFL-7, and COM-**
3 **JFL-4, COM-JFL-5, COM-JFL-6, and COM-JFL-7?**

4 A. The revenues through October 2003 for Standard Offer Service and Default
5 Service are taken from the Companies' general ledgers; forecast revenues are
6 reflected for the November through December 2003 period and for calendar year
7 2004. The Default Service rates for 2004 reflect the rates filed by the Companies
8 and are pending approval by the Department. The 2004 rates for Standard Offer
9 Service reflect the rates proposed in this filing.

10 **Q. How did the Companies calculate expenses for Standard Offer Service as**
11 **shown in this filing for 2003 and 2004?**

12 A. There are two expense categories incurred to provide Standard Offer Service:
13 power-purchase contracts and short-term market transaction. The power-purchase
14 contracts are purchased under long-term commitments made before industry
15 restructuring. The costs of these contracts are included as a variable transition
16 cost and are "purchased" to provide Standard Offer Service at a transfer price. As
17 stated above the PPA transfer prices (or "DistCo Settlement Price (\$/kWh)") are
18 set at a level that is projected to result in a zero deferral balance, i.e., there will be
19 neither an over-recovery nor an under-recovery of costs in comparison to the
20 projected revenues for Standard Offer Service. The costs of short-term market
21 transactions are added to the costs of the power-purchase contracts and, for
22 Cambridge, reduced by the amount attributed to wholesale sales to Belmont.

1 **Q. How did the Companies calculate expenses for Default Service in this filing?**

2 A. In 2003, the Companies purchased supplies for Default Service from the
3 competitive market through dedicated contracts after issuances of requests for
4 proposals. The costs included through October 2003 are based on actual expenses
5 incurred and for subsequent months are based on projections of costs to be
6 incurred under those contracts.

7 **Q. How are the Standard Offer and Default Service deferral balances**
8 **calculated?**

9 A. The monthly deferrals are the difference between revenues and expenses. The
10 deferrals also incorporate an interest component.

11 **Q. Please explain the interest calculation.**

12 A. The Standard Offer Service and Default service deferrals accrue interest at the
13 rate for customer deposits in accordance with the Companies' approved
14 Restructuring Plans. The monthly deferral is the difference between the revenues
15 and the cost of supply for each month. For each month, interest is applied to the
16 prior month's cumulative deferral plus one-half the current month's deferral. The
17 monthly interest is then incorporated in the cumulative deferral. The monthly
18 Standard Offer Service interest calculation can be found on page 1 of Exhibits
19 CAM-JFL-4, COM-JFL-4, CAM-JFL-6 and COM-JFL-6; the monthly Default
20 Service interest calculation can be found on page 1 of Exhibits CAM-JFL-5,
21 COM-JFL-5, CAM-JFL-6 and COM-JFL-7.

1 **Q. Are the Companies mitigating their transition costs?**

2 A. Yes. The Act and the approved restructuring plans require that the Companies
3 take all reasonable steps to mitigate its transition costs “to the maximum extent
4 possible” and encourages electric companies to divest their generating assets and
5 renegotiate or buy-out of above-market PPAs.

6 **Q. During 2003 have the Companies attempted to renegotiate the terms of the**
7 **PPAs in good faith?**

8 A. Yes. In an ongoing effort to mitigate stranded costs associated with the PPA
9 contracts, the Companies have negotiated with the other parties to the PPAs. The
10 Companies have also engaged the services of Concentric Energy Advisors
11 (“CEA”) to administer an auction of the PPAs. CEA has participated in many
12 asset divestitures across the country and has significant expertise in this area. The
13 Companies and CEA are currently in the process of responding to due-diligence
14 questions from over 20 potential bidders, including other parties to the PPAs.

15 **Q. Have the Companies been successful in renegotiating or buying out any of its**
16 **PPA contracts?**

17 A. It is anticipated that offers will be made for some or all of the PPAs with bidding
18 to take place on December 3, 2003. It is not known at this time if offers will
19 result in the sale or restructuring of the PPAs. Once offers are made, the
20 Companies and CEA will make a determination whether to proceed and to file for
21 approval of any sale of the PPAs with the Department in early 2004.

1 **Q. Why do the Companies believe that it has mitigated its transition costs**
2 **associated with PPAs to the maximum extent possible?**

3 A. Consistent with the Act and their restructuring plans, Cambridge and
4 Commonwealth have attempted to mitigate its transition costs associated with
5 PPAs through good-faith renegotiations and buy-outs. Customers have realized
6 significant savings because of these efforts and will continue to realize savings in
7 the future if and when the Companies further reduces its PPA obligations through
8 renegotiation, sale and buy-outs of these contracts. However, the Companies will
9 proceed with a divestiture of a PPA contract only to the extent that the transaction
10 will result in net benefits for its customers. If a divestiture transaction would
11 result in additional costs for customers and not produce maximum mitigation of
12 transition costs, the Companies will not pursue it. For example, it would not be in
13 customers' best interest to sell existing power contracts at an imputed price of 3
14 cents per kWh and then proceed to procure Standard Offer supplies at 6 cents per
15 kWh. The Companies continues to explore all alternatives to reduce its transition
16 costs associated with PPAs.

17 **Q. Describe how the Companies currently obtain Standard Offer Service and**
18 **Default Service for their customers.**

19 A. The Companies are responsible for supplying retail customers with Standard
20 Offer Service and Default Service. The Companies, jointly with Boston Edison,
21 as NSTAR Electric, periodically issue RFPs for both Standard Offer Service and
22 Default Service. For Standard Offer Service, the Companies use short-term

1 procurements to augment pre-restructuring, existing resources needed to serve
2 Standard Offer Service customers. This is accomplished by transferring the
3 output of NSTAR Electric's pre-restructuring PPAs to the supplier and buying
4 back firm load following service. NSTAR Electric has entered into a twelve-
5 month contract with a single winning bidder for Standard Offer Service for 2004
6 and will issue an RFP for the two remaining months of 2005 for Standard Offer
7 Service towards the end of 2004. NSTAR Electric continues to evaluate
8 proposals to augment its PPA resources in a cost-effective manner in order to
9 provide Standard Offer Service.

10 Default Service solicitations are performed in accordance with the Department's
11 directives. The Default Service contract is awarded to the winning bidder with
12 the lowest price in each load zone and customer class. For 2004, NSTAR Electric
13 has recently entered into a three-month contract for large industrial customers and
14 a twelve-month contract for 50 percent of the residential and commercial
15 customers to match an existing 50 percent contract.

16 **Q. Does this conclude your testimony?**

17 **A.** Yes, it does.

**Cambridge Electric Light Company
Transition Charge Calculation
\$ in Millions**

Year	GWH Delivered	Transition Charge Billed	Revenues for Delivered GWH	Total			Prior Year Deferral	Interest on Deferral	Expenses		(Over) Under Collection
				Fixed Component	Variable Component	Other Adjustment			Col. J	Col. K	
Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	
2002	1,609.419	0.244	\$ 3,928	\$ (2,520)	\$ 3,750	\$ 0.713	\$ 1,100	\$ 0.042	\$ 3,085	\$ 1,100	
2003	1,662.921	0.253	4,207	(2,421)	11,077	0.327	(0.843)	(0.022)	8,118	(0.843)	
2004	1,696.179	1.179	20,004	(2,291)	17,979	0.348	3,911	0.057	20,004	-	
2005	1,730.103	0.845	14,625	(2,160)	16,484	0.301	-	-	14,625	-	
2006	1,764.705	0.706	12,465	(2,028)	14,180	0.313	-	-	12,465	-	
2007	1,799.999	0.401	7,221	(1,895)	8,795	0.321	-	-	7,221	-	
2008	1,835.999	0.116	2,126	(1,773)	3,628	0.271	-	-	2,126	-	
2009	1,872.719	0.193	3,620	-	3,426	0.194	-	-	3,620	-	
2010	1,910.173	0.102	1,953	-	1,755	0.198	-	-	1,953	-	
2011	1,948.376	0.048	0.926	-	0.717	0.209	-	-	0.926	-	
2012	1,987.344	0.044	0.876	-	0.763	0.113	-	-	0.876	-	
2013	2,027.091	0.044	0.892	-	0.761	0.131	-	-	0.892	-	
2014	2,067.633	0.043	0.891	-	0.763	0.128	-	-	0.891	-	
2015	2,108.986	0.032	0.685	-	0.594	0.091	-	-	0.685	-	
2016	2,151.166	0.035	0.750	-	0.639	0.111	-	-	0.750	-	
2017	2,194.189	0.035	0.763	-	0.655	0.108	-	-	0.763	-	
2018	2,238.073	0.034	0.752	-	0.671	0.081	-	-	0.752	-	
2019	2,282.834	0.035	0.793	-	0.689	0.104	-	-	0.793	-	
2020	2,328.491	0.043	0.998	-	0.895	0.103	-	-	0.998	-	
2021	2,375.061	0.003	0.075	-	-	0.075	-	-	0.075	-	
2022	2,422.562	0.004	0.101	-	-	0.101	-	-	0.101	-	
2023	2,471.013	0.004	0.101	-	-	0.101	-	-	0.101	-	
2024	2,520.433	0.003	0.066	-	-	0.066	-	-	0.066	-	
2025	2,570.842	0.003	0.086	-	-	0.086	-	-	0.086	-	
2026											

Col. B: 2003 - 10 months actual, 2 months forecast; 2004 per revised forecast; years 2005 and beyond assumes 2% growth per annum.

Col. C: 2003 = Col. D / Col. B; 2004 = 15% Rate Cap Transition Charge rate; Post 2004 = Col. J / Col. B.

Col. D: 2003 per Page 2, Line 15; 2004 = Col. B * Col. C; Post 2004 = Col. J.

Col. E: Exh. 1, Page 3, Col. H.

Col. F: Exh. 1, Page 4, Col. M.

Col. G: Exh. 1, Page 5, Col. K.

Col. H: Col. K prior year.

Col. I: Col. H times interest rate on customer deposits; 2002 ending balance = 3.83%; 2003 ending balance = 2.64%; Post 2003 = 1.47%.

Col. J: Sum Cols. E thru Col. I.

Col. K: 2002 per D.T.E. 02-80b (Supp); 2003 and later = Col. J - Col. D.

Cambridge Electric Light Company
Estimated 2003 Transition Revenues (10 months actual, 2 months forecast)
\$ in Millions

Line	Description	GWH	A/C #	Per Book \$	Total
1	<u>2003 Estimated Transition Billed Revenues:</u>				
2	Residential Transition	194.195	440160	\$ 0.383	
3	Commercial Transition	1,374.940	442500	4.202	
4	Industrial Transition	38.000	442430	0.120	
5	Street Light Transition	8.315	444060	0.017	
6	Total Billed Revenues	1,615.450			\$ 4.722
7	<u>2003 Estimated Transition Unbilled Revenues:</u>				
8	Less: Residential Transition Unbilled @ 12/31/02	(10.466)			
9	Plus: Residential Transition Unbilled @ 12/31/03	9.617	440162	\$ (0.107)	
10	Less: Commercial Transition Unbilled @ 12/31/02	(73.966)			
11	Plus: Commercial Transition Unbilled @ 12/31/03	69.672	442505	(0.647)	
12	Less: Industrial Transition Unbilled @ 12/31/02	(3.518)			
13	Plus: Industrial Transition Unbilled @ 12/31/03	2.630	442435	(0.040)	
14	Total Unbilled Revenues	(6.031)			(0.794)
15	Total 2003 Transition Revenues	1,609.419	0.244		\$ 3.928

Cambridge Electric Light Company
Summary of Transition Charge - Fixed Component
\$ in Millions

Year	Cambridge Electric Light Company		Residual Value Credit						Net Fixed Component
	Pre-Tax Return on Generation Related Assets	Amortization of Generation Related Assets	Pre-Tax Return on Cambridge Generation Recovery/(Proceeds)	Amortization of Cambridge Generation Recovery/(Proceeds)	Pre-Tax Return on Canal Related Generation Recovery/(Proceeds)	Amortization of Canal Related Generation Recovery/(Proceeds)			
Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H		
2003	\$0.013	\$0.024	(\$0.855)	(\$1.704)	(\$0.000)	\$0.002	(\$2.520)		
2004	0.011	0.024	(0.732)	(1.726)	0.000	0.002	(2.421)		
2005	0.009	0.024	(0.600)	(1.726)	(0.000)	0.002	(2.291)		
2006	0.007	0.024	(0.467)	(1.726)	(0.000)	0.002	(2.160)		
2007	0.006	0.024	(0.334)	(1.726)	0.000	0.002	(2.028)		
2008	0.004	0.024	(0.200)	(1.726)	0.001	0.002	(1.895)		
2009	0.001	0.029	(0.067)	(1.731)	0.000	(0.005)	(1.773)		

Note: Amounts per Exhibit CAM-JFL-2.
Col H = Sum Cols. B through G.

Cambridge Electric Light Company Summary of Transition Charge - Variable Component \$ in Millions

Year	Actual Nuclear Decommission Obligations	Actual Power Contracts Market Value	Actual Power Contracts Net Power Obligation	Actual Transmission In Support Of Remote Generating Units	Actual Power Contract Buyouts	Actual Payments in Lieu of Property Taxes	Revenue Credits & Damages, Costs, or net Recoveries	Wholesale Credits/Debits (Belmont)	Rate Design Adjustment	Reversal of Prior Year Rate Design Adjustment	Actual Total Variable Component	
Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L	Col. M
2003	\$ 5,151	\$ 22,872	\$ 14,546	\$ 8,326	\$ 0,910	\$ -	\$ -	\$ (10,063)	\$ (0,111)	\$ (0,463)	\$ -	\$ 3,750
2004	6,758	22,246	18,956	3,290	0,938	-	-	-	-	(0,372)	0,463	11,077
2005	8,017	21,019	12,276	8,743	0,847	-	-	-	-	-	0,372	17,979
2006	7,070	21,851	13,119	8,732	0,682	-	-	-	-	-	-	16,484
2007	4,842	21,801	13,110	8,691	0,647	-	-	-	-	-	-	14,180
2008	2,340	19,619	13,804	5,815	0,640	-	-	-	-	-	-	8,795
2009	1,976	15,220	14,352	0,868	0,784	-	-	-	-	-	-	3,628
2010	1,712	15,334	14,399	0,935	0,779	-	-	-	-	-	-	3,426
2011	-	15,875	14,893	0,982	0,773	-	-	-	-	-	-	1,755
2012	-	1,232	1,283	(0,051)	0,768	-	-	-	-	-	-	0,717
2013	-	-	-	-	0,763	-	-	-	-	-	-	0,763
2014	-	-	-	-	0,761	-	-	-	-	-	-	0,761
2015	-	-	-	-	0,763	-	-	-	-	-	-	0,763
2016	-	-	-	-	0,594	-	-	-	-	-	-	0,594
2017	-	-	-	-	0,639	-	-	-	-	-	-	0,639
2018	-	-	-	-	0,655	-	-	-	-	-	-	0,655
2019	-	-	-	-	0,671	-	-	-	-	-	-	0,671
2020	-	-	-	-	0,689	-	-	-	-	-	-	0,689
2021	-	-	-	-	0,895	-	-	-	-	-	-	0,895

Col. B: Exhibit 1, Page 6, Col. H.
Col. C: 2003 - Exhibit CAM-JFL-4, Page 3, Line 5; 2004 - Exhibit CAM-JFL-6, Page 3, Line 3.
Col. D: 2003 - Exhibit CAM-JFL-4, Page 2, Line 9; 2004 - Exhibit CAM-JFL-6, Page 2, Line 7.
Col. E: Col. C - Col. D.
Col. F: Exhibit 1, Page 7, Col. J.
Col. I: Forecasted Blackstone Sale Excess Proceeds.
Col. J: Total Revenue less Transmission related revenue & allocated wholesale generation costs
Col. K: Exhibit CAM-HCL-6.
Col. L: Reversal of Prior Year Rate Design Adjustment (-Col. K(prior year)).
Col. M: Col. B + Col. E + Col. F + Col. G + Col. H + Col. I + Col. J + Col. K + Col. L

Cambridge Electric Light Company
Summary of Transition Charge - Other Adjustments
\$ in Millions

Year	Mitigation Incentive																
	EIS			Gain on		Vermont					Total						
	Return on Investment Adjustment	Mitigation Incentive Adjustment	Sale of Utility Land	Other Adjustment	Hydro Quebec Transmission	Fixed Component (Page 8)	Seabrook Buydown (Page 9)	Yankee Buydown (Page 10)	Seabrook Buyout (Page 11)	Other Adjustments							
Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K							
2003	\$	-	\$	\$	\$	\$	\$	\$	\$	\$							
2004			-	-	0.009	0.127	0.127	(0.004)	0.049	0.713							
2005			-		0.006	0.122	0.124	0.044	0.031	0.327							
2006			-		0.006	0.117	0.120	0.060	0.045	0.348							
2007			-		0.006	0.111	0.117	0.022	0.045	0.301							
2008			-		0.006	0.105	0.114	0.063	0.025	0.313							
2009			-		0.006	0.099	0.110	0.066	0.040	0.321							
2010			-		-	0.093	0.106	0.029	0.043	0.271							
2011			-		-		0.103	0.070	0.021	0.194							
2012			-		-		0.100	0.059	0.039	0.198							
2013			-		-		0.096	0.072	0.041	0.209							
2014			-		-		0.093		0.020	0.113							
2015			-		-		0.089		0.042	0.131							
2016			-		-		0.086		0.042	0.128							
2017			-		-		0.083		0.008	0.091							
2018			-		-		0.079		0.032	0.111							
2019			-		-		0.075		0.033	0.108							
2020			-		-		0.073		0.008	0.081							
2021			-		-		0.069		0.035	0.104							
2022			-		-		0.065		0.038	0.103							
2023			-				0.063		0.012	0.075							
2024			-				0.059		0.042	0.101							
2025			-				0.055		0.046	0.101							
2026			-				0.051		0.015	0.066							
			-				0.046		0.040	0.086							

Col. C: 2003 equals 4 percent of excess proceeds of Blackstone Sale (page 4, column I) and 2003 adjustment to actual of Column I.

Col. F: Equals 4 percent of Page 7, Col. E.

Cambridge Electric Light Company
Summary of Transition Charge - Decommissioning
\$ in Millions

Year	Seabrook Unit 1		Seabrook Unit 2		Yankee Atomic		Connecticut Yankee		Maine Yankee		Vermont Yankee		Total
	Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L	
2003 *		\$ -	\$ -	\$ 0.649	\$ 2.064	\$ 2.438	\$ -	\$ 5.151					\$ 5.151
2004		-	-	1.113	3.221	2.424	-	6.758					6.758
2005		-	-	1.113	4.508	2.396	-	8.017					8.017
2006		-	-	0.280	4.470	2.320	-	7.070					7.070
2007		-	-	0.280	2.314	2.248	-	4.842					4.842
2008		-	-	0.280	-	2.060	-	2.340					2.340
2009		-	-	0.280	-	1.696	-	1.976					1.976
2010		-	-	0.280	-	1.432	-	1.712					1.712

* 10 months estimate, 2 months actual.

Note: Cols. B, C, & G subject to final reconciliation of sale transaction.

**Cambridge Electric Light Company
Transmission in Support of Remote Generation
\$ in Millions**

Year	Seabrook 1		Hydro Quebec Phase 1		Hydro Quebec Phase 2		Hydro Quebec Mitigation		Line 331 Equalizer		Canal Unit 1 Transfer		Canal Section A		Canal Section B		Total	
	Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L	Col. M	Col. N	Col. O			
2003 *	\$	0.001	\$	0.123	\$	0.738	\$	(0.217)	\$	0.122	\$	-	\$	0.004	\$	0.139	\$	0.910
2004		-		0.118		0.684		(0.150)		0.146		-		0.004		0.136		0.938
2005		-		0.119		0.778		(0.150)		-		-		0.003		0.097		0.847
2006		-		0.062		0.770		(0.150)		-		-		-		-		0.682
2007		-		0.035		0.762		(0.150)		-		-		-		-		0.647
2008		-		0.036		0.754		(0.150)		-		-		-		-		0.640
2009		-		0.037		0.747		-		-		-		-		-		0.784
2010		-		0.038		0.741		-		-		-		-		-		0.779
2011		-		0.039		0.734		-		-		-		-		-		0.773
2012		-		0.040		0.728		-		-		-		-		-		0.768
2013		-		0.041		0.722		-		-		-		-		-		0.763
2014		-		0.043		0.718		-		-		-		-		-		0.761
2015		-		0.044		0.719		-		-		-		-		-		0.763
2016		-		0.045		0.549		-		-		-		-		-		0.594
2017		-		0.047		0.592		-		-		-		-		-		0.639
2018		-		0.048		0.607		-		-		-		-		-		0.655
2019		-		0.049		0.622		-		-		-		-		-		0.671
2020		-		0.051		0.638		-		-		-		-		-		0.689
2021		-		0.053		0.842		-		-		-		-		-		0.895

* 10 months actual, 2 months estimate.

Cambridge Electric Light Company
Transition Charge Mitigation Incentive Summary - Fixed
\$ in Millions

Line	Description	2003	2004	2005	2006	2007	2008	2009
1	Residual Value Credit (Debit):							
2	Cambridge (Exhibit 2, Page 3, Line 25) Excess Proceeds	\$ 5.938	\$ 5.633	\$ 5.328	\$ 5.023	\$ 4.718	\$ 4.412	\$ 4.114
3	Cambridge (Exhibit 2, Page 4, Line 20) Blackstone	0.089	0.115	0.109	0.103	0.097	0.091	0.086
4	Canal (Exhibit 2, Page 5, Line 20) Excess Proceeds	1.573	1.535	1.497	1.459	1.421	1.383	1.345
5	Cambridge (Exhibit 2, Page 6, Line 20) Seabrook Buydown (EIS)	(0.920)	(0.897)	(0.875)	(0.853)	(0.831)	(0.809)	(0.783)
6	Cambridge (Exhibit 2, Page 7, Line 20) Seabrook Buydown (Kendall)	(3.468)	(3.290)	(3.111)	(2.933)	(2.755)	(2.577)	(2.402)
7	Total	<u>3.212</u>	<u>3.096</u>	<u>2.948</u>	<u>2.799</u>	<u>2.650</u>	<u>2.500</u>	<u>2.360</u>
8	Less - Owned Generation per Compliance Filing:							
9	Cambridge (Exhibit 2, Page 2, Line 21) Embedded Cost (Blackstone)	<u>0.037</u>	<u>0.035</u>	<u>0.033</u>	<u>0.031</u>	<u>0.030</u>	<u>0.028</u>	<u>0.030</u>
10	Net Incremental Gain on Sale of Owned Gen (L7 - L9)	<u>3.175</u>	<u>3.061</u>	<u>2.915</u>	<u>2.768</u>	<u>2.620</u>	<u>2.472</u>	<u>2.330</u>
11	Transition Charge Mitigation Incentive Mechanism @ 4%	<u>\$0.127</u>	<u>\$0.122</u>	<u>\$0.117</u>	<u>\$0.111</u>	<u>\$0.105</u>	<u>\$0.099</u>	<u>\$0.093</u>

Cambridge Electric Light Company
Transition Charge Mitigation Incentive - Seabrook Buydown
\$ in Millions

Year	Original Forecast			Revised Forecast			Transition			Impact on Transition Charge (cents/kwh)
	Power Contract Total Obligation	Assumed Market Value	Total Filed Case	Power Contract Total Obligation	Assumed Market Value	Total Actual	Total Mitigation	Charge Mitigation Incentive @ 4%	Estimated GWH Sales	
Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K
2003	\$ 6,398	\$ 2,195	\$ 4,203	\$ 3,225	\$ 2,195	\$ 1,030	\$ 3,173	\$ 0.127	1,609,419	0.00789
2004	6,189	2,513	3,676	3,098	2,513	0,585	3,091	0.124	1,662,921	0.00746
2005	6,310	2,372	3,938	3,304	2,372	0,932	3,006	0.120	1,696,179	0.00707
2006	6,269	2,438	3,831	3,355	2,438	0,917	2,914	0.117	1,730,103	0.00676
2007	6,058	2,802	3,256	3,220	2,802	0,418	2,838	0.114	1,764,705	0.00646
2008	6,199	2,665	3,534	3,453	2,665	0,788	2,746	0.110	1,799,999	0.00611
2009	6,172	2,667	3,505	3,513	2,667	0,846	2,659	0.106	1,835,999	0.00577
2010	5,946	3,077	2,869	3,366	3,077	0,289	2,580	0.103	1,872,719	0.00550
2011	6,119	2,878	3,241	3,626	2,878	0,748	2,493	0.100	1,910,173	0.00524
2012	6,096	2,915	3,181	3,696	2,915	0,781	2,400	0.096	1,948,376	0.00493
2013	5,866	3,284	2,582	3,538	3,284	0,254	2,328	0.093	1,987,344	0.00468
2014	6,066	3,049	3,017	3,832	3,049	0,783	2,234	0.089	2,027,091	0.00439
2015	6,060	3,129	2,931	3,915	3,129	0,786	2,145	0.086	2,067,633	0.00416
2016	5,814	3,564	2,250	3,742	3,564	0,178	2,072	0.083	2,108,986	0.00394
2017	6,054	3,316	2,738	4,072	3,316	0,756	1,982	0.079	2,151,166	0.00367
2018	6,056	3,385	2,671	4,169	3,385	0,784	1,887	0.075	2,194,189	0.00342
2019	5,803	3,820	1,983	3,981	3,820	0,161	1,822	0.073	2,238,073	0.00326
2020	6,080	3,510	2,570	4,356	3,510	0,846	1,724	0.069	2,282,834	0.00302
2021	6,108	3,569	2,539	4,477	3,569	0,908	1,631	0.065	2,328,491	0.00279
2022	5,843	4,016	1,827	4,275	4,016	0,259	1,568	0.063	2,375,061	0.00265
2023	6,181	3,695	2,486	4,711	3,695	1,016	1,470	0.059	2,422,562	0.00244
2024	6,240	3,761	2,479	4,877	3,761	1,116	1,363	0.055	2,471,013	0.00223
2025	5,847	4,234	1,613	4,577	4,234	0,343	1,270	0.051	2,520,433	0.00202
2026	6,003	3,895	2,108	4,850	3,895	0,955	1,153	0.046	2,570,842	0.00179

Col B: See DTE 98-78, Schedule 1, Page 11, Column (1).

Col C: See DTE 98-78, Schedule 1, Page 12, Column (1) times NERA Base Load Market Forecast

Col D: Col. C - Col. D.

See DTE 99-89 for revised amounts for Cols. E and F.

Col G: Col E - Col F.

Col H: Col. C - Col. G.

Col I: Col. H Multiplied by 4%.

Col J: Page 1, Col. B.

Col K: Col. J Multiplied by 100.

Cambridge Electric Light Company
Transition Charge Mitigation Incentive - Vermont Yankee Buydown
\$ in Millions

Year	Original Forecast					Revised Forecast					Transition			Impact on Transition Charge (cents/kwh)
	Nuclear Decom Costs	Power		Assumed		Nuclear Decom Costs	Power		Assumed		Total Mitigation	Charge Mitigation Incentive @ 4%	Estimated GWH Sales	
		Contract Total Obligation	Assumed Market Value	Excess Over Market	Total Filed Case		Contract Total Obligation	Assumed Market Value						
									Col. C	Col. D				
Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L	Col. M	Col. N	
2003	\$0.488	\$ 4.102	4.944	\$ (0.842)	\$(0.354)	\$ -	\$ 4.697	\$ 4.944	\$ (0.247)	\$ (0.107)	\$ (0.004)	1,609.419	(0.00025)	
2004	0.488	4.744	4.755	(0.011)	0.477	-	4.133	4.755	(0.622)	1.099	0.044	1,662.921	0.00265	
2005	0.488	4.829	3.701	1.128	1.616	-	3.816	3.701	0.115	1.501	0.060	1,696.179	0.00354	
2006	0.488	4.319	4.305	0.014	0.502	-	4.264	4.305	(0.041)	0.543	0.022	1,730.103	0.00127	
2007	0.488	4.920	3.952	0.968	1.456	-	3.825	3.952	(0.127)	1.583	0.063	1,764.705	0.00357	
2008	0.588	5.039	4.170	0.869	1.457	-	3.976	4.170	(0.194)	1.651	0.066	1,799.999	0.00367	
2009	0.588	4.719	4.709	0.010	0.598	-	4.580	4.709	(0.129)	0.727	0.029	1,835.999	0.00158	
2010	0.588	5.321	4.341	0.980	1.568	-	4.153	4.341	(0.188)	1.756	0.070	1,872.719	0.00374	
2011	0.588	5.136	4.490	0.646	1.234	-	4.251	4.490	(0.239)	1.473	0.059	1,910.173	0.00309	
2012	0.147	2.892	1.283	1.609	1.756	-	1.232	1.283	(0.051)	1.807	0.072	1,948.376	0.00370	

See DTE 01-94 for original amounts for Cols. B through E.

Col. F: Col. B + Col. E.

See DTE 01-94 for revised amounts for Cols. G through I.

Col. J: Col. G + Col. H - Col. I

Col. K: Col. F - Col. J

Col. L: Col. K Multiplied by 4%.

Col. M: Page 1, Col. B.

Col. N: Col. L/Col. M Multiplied by 100.

Cambridge Electric Light Company
Transition Charge Mitigation Incentive Mechanism - Seabrook Buyout
\$ in Millions

Year Col. A	Nuclear Decommissioning Costs Col. B	Power Contract Total Obligation Col. C	Original Forecast			Transmission in Support of Remote Generation Col. F	Total Filed Case Col. G	Revised Forecast Future Power Contract Buyouts Col. H	Transition Charge Mitigation Incentive @ 4% Col. J	Estimated GWH Sales Col. K	Impact on Transition Charge (cents/kwh) Col. L
			Assumed Market Value Col. D	Assumed Excess Over Market Col. E	Assumed Excess Over Market Col. E						
2003	\$0.141	\$3.225	\$2.195	\$1.030	\$0.046	\$0.046	\$1.217	\$0.000	\$0.049	1,609,419	0.00304
2004	0.147	3.098	2.513	0.585	0.046	0.046	0.778		0.031	1,662,921	0.00186
2005	0.153	3.304	2.372	0.932	0.045	0.045	1.130		0.045	1,696,179	0.00265
2006	0.159	3.355	2.438	0.917	0.045	0.045	1.121		0.045	1,730,103	0.00260
2007	0.166	3.220	2.802	0.418	0.044	0.044	0.628		0.025	1,764,705	0.00142
2008	0.173	3.453	2.665	0.788	0.044	0.044	1.005		0.040	1,799,999	0.00222
2009	0.180	3.513	2.667	0.846	0.043	0.043	1.069		0.043	1,835,999	0.00234
2010	0.188	3.366	3.077	0.289	0.043	0.043	0.520		0.021	1,872,719	0.00112
2011	0.196	3.626	2.878	0.748	0.042	0.042	0.986		0.039	1,910,173	0.00204
2012	0.204	3.696	2.915	0.781	0.042	0.042	1.027		0.041	1,948,376	0.00210
2013	0.212	3.538	3.284	0.254	0.041	0.041	0.507		0.020	1,987,344	0.00101
2014	0.221	3.832	3.049	0.783	0.041	0.041	1.045		0.042	2,027,091	0.00207
2015	0.230	3.915	3.129	0.786	0.040	0.040	1.056		0.042	2,067,633	0.00203
2016	(0.004)	3.742	3.564	0.178	0.028	0.028	0.202		0.008	2,108,986	0.00038
2017	(0.003)	4.072	3.316	0.756	0.035	0.035	0.788		0.032	2,151,166	0.00149
2018	(0.003)	4.169	3.385	0.784	0.036	0.036	0.817		0.033	2,194,189	0.00150
2019	(0.003)	3.981	3.820	0.161	0.036	0.036	0.194		0.008	2,238,073	0.00036
2020	(0.003)	4.356	3.510	0.846	0.037	0.037	0.880		0.035	2,282,834	0.00153
2021	(0.002)	4.477	3.569	0.908	0.037	0.037	0.943		0.038	2,328,491	0.00163
2022	(0.002)	4.275	4.016	0.259	0.037	0.037	0.294		0.012	2,375,061	0.00051
2023	(0.002)	4.711	3.695	1.016	0.038	0.038	1.052		0.042	2,422,562	0.00173
2024	(0.002)	4.877	3.761	1.116	0.039	0.039	1.153		0.046	2,471,013	0.00186
2025	(0.001)	4.577	4.234	0.343	0.039	0.039	0.381		0.015	2,520,433	0.00060
2026	(0.001)	4.850	3.895	0.955	0.040	0.040	0.994		0.040	2,570,842	0.00156

Column Notes:

- Col. B: See DTE 01-79, Exhibit CAM-BKR-1, Page 6, Columns B & C.
Col. C: See Page 9, Column E.
Col. D: See Page 9, Column F.
Col. E: Col. C - Col. D.
Col. F: See DTE 99-90, Schedule 1, Page 7, Column (1).
Col. G: Col. B + Col. E + Col. F.
Col. H: Estimated Buyout Amount per DTE 02-34.
Col. I: Col. G - Col. H.
Col. J: Col. I Multiplied by 4%.
Col. K: See Page 1, Col. B.
Col. L: Col. J/Col. K Multiplied by 100.

**Cambridge Electric Light Company
Blackstone Station Revenue Credit
\$ in Millions**

Year	Blackstone Station Costs	Blackstone Station Revenues	Variance	Revenue Credit Applied
2003	\$ -	\$ -	\$ -	\$ -

Note:

Revenues - 2003 Exhibit CAM-JFL-4, Page 4, Line 7.

Costs - 2003 current forecast.

Blackstone Sale effective April 9, 2003.

Cambridge Electric Light Company
Summary of Transition Charge - Fixed Component
\$ in Millions

Year	Cambridge Electric Light Company		Residual Value Credit				Net Fixed Component
	Pre-Tax Return on Generation Related Assets	Amortization of Generation Related Assets	Pre-Tax Return on Cambridge Generation Recovery/(Proceeds)	Amortization of Cambridge Generation Recovery/(Proceeds)	Pre-Tax Return on Canal Related Generation Recovery/(Proceeds)	Amortization of Canal Related Generation Recovery/(Proceeds)	
Col A	Col B	Col C	Col D	Col E	Col F	Col G	Col H
2003	\$0.013	\$0.024	(\$0.855)	(\$1.704)	(\$0.000)	\$0.002	(\$2.520)
2004	0.011	0.024	(0.732)	(1.726)	0.000	0.002	(2.421)
2005	0.009	0.024	(0.600)	(1.726)	(0.000)	0.002	(2.291)
2006	0.007	0.024	(0.467)	(1.726)	(0.000)	0.002	(2.160)
2007	0.006	0.024	(0.334)	(1.726)	0.000	0.002	(2.028)
2008	0.004	0.024	(0.200)	(1.726)	0.001	0.002	(1.895)
2009	0.001	0.029	(0.067)	(1.731)	0.000	(0.005)	(1.773)

Notes

- Col B See Page 2, Line 15.
Col C See Page 2, Line 7.
Col D See Page 3, Line 19, Pages 4, & 7, Line 15.
Col E See Page 3, Line 11, Pages 4, & 7, Line 7.
Col F See Pages 5, 6 & 8, Line 15.
Col G See Pages 5, 6 & 8, Line 7.
Col H Sum of Columns B through G.

Cambridge Electric Light Company
Calculation of Residual Value Credit - Sale of Cambridge Owned Generation (Excess)
\$ in Millions

Line	Description	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
1	Gross Proceeds (Net of Transaction Costs)	\$ 42,025											
2	Capital Investment Depreciation Revision	0.034											
3	Lost Revenues Revision	4,263											
4	Depreciation Revision	(2,821)											
5	Gross Proceeds (Revised)	\$ 43,501											
6	Tax Basis @ 1/1/1999	-											
7	Excess Proceeds vs. Tax	\$ 43,501											
8	Combined Federal and State Tax Rate	39.225%											
9	Deferred Taxes on Difference	\$ 17,063											
10	Beginning Plant Balance	\$ 43,501	\$ 39,547	\$ 35,593	\$ 31,639	\$ 27,685	\$ 23,731	\$ 19,777	\$ 15,823	\$ 11,869	\$ 7,915	\$ 3,961	
11	Required Amortization	3,954	3,954	3,954	3,954	3,954	3,954	3,954	3,954	3,954	3,954	3,961	43,501
12	Ending Plant Balance	39,547	35,593	31,639	27,685	23,731	19,777	15,823	11,869	7,915	3,961	(0,000)	
13	Beginning Accumulated Deferred Tax Balance	(17,063)	(15,512)	(13,961)	(12,410)	(10,859)	(9,308)	(7,757)	(6,206)	(4,655)	(3,104)	(1,553)	(17,063)
14	Deferred Tax Provision	(1,551)	(1,551)	(1,551)	(1,551)	(1,551)	(1,551)	(1,551)	(1,551)	(1,551)	(1,551)	(1,553)	
15	Ending Accumulated Deferred Tax Balance	(15,512)	(13,961)	(12,410)	(10,859)	(9,308)	(7,757)	(6,206)	(4,655)	(3,104)	(1,553)	0,000	
16	Beginning Plant (Net of Deferred Taxes)	26,438	24,035	21,632	19,229	16,826	14,423	12,020	9,617	7,214	4,811	2,408	
17	Ending Plant (Net of Deferred Taxes)	24,035	21,632	19,229	16,826	14,423	12,020	9,617	7,214	4,811	2,408	(0,000)	
18	Average Plant	25,237	22,834	20,431	18,028	15,625	13,222	10,819	8,415	6,012	3,609	1,204	
19	Return @ BTWACC (OEL 12/31/1995)	3,205	2,900	2,595	2,289	1,984	1,679	1,374	1,069	0,764	0,458	0,153	
20	NPV												
21	Sale @ 1/1/1999												
22	Return of Investment	3,954	3,954	3,954	3,954	3,954	3,954	3,954	3,954	3,954	3,954	3,961	
23	Return on Investment	3,205	2,900	2,595	2,289	1,984	1,679	1,374	1,069	0,764	0,458	0,153	
24		7.72%											
25	Total Investment	7,159	6,854	6,549	6,243	5,938	5,633	5,328	5,023	4,718	4,412	4,114	

Cambridge Electric Light Company
Calculation of Residual Value Credit - Blackstone Station
3/1/1998 Investment and Return from 3/1/1998 to 3/31/2003
\$ in Millions

Line	Description	1999	2000	2001	2002	04/01/2003	2004	2005	2006	2007	2008	2009	Total
1	Proceeds @ 4/1/2003												
2	Tax Basis @ 4/1/2003												
3	Excess Book vs. Tax												
4	Combined Federal and State Tax Rate												
5	Deferred Taxes on Difference												
6	Beginning Plant Balance	-	-	-	-	0.547	0.488	0.407	0.326	0.245	0.164	0.083	0.547
7	Required Amortization	-	-	-	-	0.059	0.081	0.081	0.081	0.081	0.081	0.083	0.547
8	Ending Plant Balance	-	-	-	-	0.488	0.407	0.326	0.245	0.164	0.083	0.000	
9	Beginning Accumulated Deferred Tax Balance	-	-	-	-	(0.215)	(0.192)	(0.160)	(0.128)	(0.096)	(0.064)	(0.032)	(0.215)
10	Deferred Tax Provision	-	-	-	-	(0.023)	(0.032)	(0.032)	(0.032)	(0.032)	(0.032)	(0.032)	(0.215)
11	Ending Accumulated Deferred Tax Balance	-	-	-	-	(0.192)	(0.160)	(0.128)	(0.096)	(0.064)	(0.032)	-	
12	Beginning Plant (Net of Deferred Taxes)	-	-	-	-	0.332	0.296	0.247	0.198	0.149	0.100	0.051	
13	Ending Plant (Net of Deferred Taxes)	-	-	-	-	0.296	0.247	0.198	0.149	0.100	0.051	0.000	
14	Average Plant	-	-	-	-	0.314	0.272	0.223	0.174	0.125	0.076	0.026	
15	Return @ BTWACC	-	-	-	-	0.030	0.034	0.028	0.022	0.016	0.010	0.003	
						12.70%							
16						NPV							
17						@ ATWACC							
18	Sale @ 4/1/2003	-	-	-	-	0.059	0.081	0.081	0.081	0.081	0.081	0.083	
19	Return of Investment	-	-	-	-	0.030	0.034	0.028	0.022	0.016	0.010	0.003	
20	Return on Investment	-	-	-	-	0.089	0.115	0.109	0.103	0.097	0.091	0.086	
	Total Investment	-	-	-	-								

Cambridge Electric Light Company
Calculation of Residual Value Credit - Sale of Canal Owned Generation - Excess Net Book Value
\$ in Millions

Line	Description	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
1	Gross Proceeds (Net of Transaction Costs)	\$ 14.596											
2	Tax Basis @ 1/1/1999	-											
3	Excess Proceeds vs. Tax	14.596											
4	Combined Federal and State Tax Rate	39.225%											
5	Deferred Taxes on Difference	5.725											
6	Beginning Plant Balance	\$14.596	\$13.269	\$11.942	\$10.615	\$9.288	\$7.961	\$6.634	\$5.307	\$3.980	\$2.653	\$1.326	
7	Required Amortization	1.327	1.327	1.327	1.327	1.327	1.327	1.327	1.327	1.327	1.327	1.326	14.596
8	Ending Plant Balance	13.269	11.942	10.615	9.288	7.961	6.634	5.307	3.980	2.653	1.326	-	
9	Beginning Accumulated Deferred Tax Balance	(5.725)	(5.205)	(4.685)	(4.165)	(3.645)	(3.125)	(2.605)	(2.085)	(1.565)	(1.045)	(0.525)	(5.725)
10	Deferred Tax Provision	(0.520)	(0.520)	(0.520)	(0.520)	(0.520)	(0.520)	(0.520)	(0.520)	(0.520)	(0.520)	(0.525)	
11	Ending Accumulated Deferred Tax Balance	(5.205)	(4.685)	(4.165)	(3.645)	(3.125)	(2.605)	(2.085)	(1.565)	(1.045)	(0.525)	(0.000)	
12	Beginning Plant (Net of Deferred Taxes)	8.871	8.064	7.257	6.450	5.643	4.836	4.029	3.222	2.415	1.608	0.801	
13	Ending Plant (Net of Deferred Taxes)	8.064	7.257	6.450	5.643	4.836	4.029	3.222	2.415	1.608	0.801	(0.000)	
14	Average Plant	8.468	7.661	6.854	6.047	5.240	4.433	3.626	2.819	2.012	1.205	0.401	
15	Return @ BTWACC	0.397	0.359	0.321	0.284	0.246	0.208	0.170	0.132	0.094	0.056	0.019	
16													
17	Sale @ 1/1/1999												
18	Return of Investment	1.327	1.327	1.327	1.327	1.327	1.327	1.327	1.327	1.327	1.327	1.326	
19	Return on Investment	0.397	0.359	0.321	0.284	0.246	0.208	0.170	0.132	0.094	0.056	0.019	
20	Total Investment	1.724	1.686	1.648	1.611	1.573	1.535	1.497	1.459	1.421	1.383	1.345	

NPV
@ ATWACC

Cambridge Electric Light Company
Calculation of Residual Value Debit - Seabrook Buydown (EIS)
\$ in Millions

Line	Description	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
1	Proceeds												
2	Tax Basis @ 11/1/2000			\$ (7.098)									
3	Excess Proceeds vs. Tax												
4	Combined Federal and State Tax Rate												
5	Deferred Taxes on Difference												
6	Beginning Plant Balance	\$ -	\$ (7.098)	\$ (6.980)	\$ (6.204)	\$ (5.428)	\$ (4.652)	\$ (3.876)	\$ (3.100)	\$ (2.324)	\$ (1.548)	\$ (0.772)	
7	Required Amortization	-	(0.118)	(0.776)	(0.776)	(0.776)	(0.776)	(0.776)	(0.776)	(0.776)	(0.776)	(0.772)	(7.098)
8	Ending Plant Balance	-	(6.980)	(6.204)	(5.428)	(4.652)	(3.876)	(3.100)	(2.324)	(1.548)	(0.772)	0.000	
9	Beginning Accumulated Deferred Tax Balance	-	2.784	2.738	2.434	2.130	1.826	1.522	1.218	0.914	0.610	0.306	
10	Deferred Tax Provision	-	0.046	0.304	0.304	0.304	0.304	0.304	0.304	0.304	0.304	0.306	2.784
11	Ending Accumulated Deferred Tax Balance	-	2.738	2.434	2.130	1.826	1.522	1.218	0.914	0.610	0.306	0.000	
12	Beginning Plant (Net of Deferred Taxes)	-	(4.314)	(4.242)	(3.770)	(3.298)	(2.826)	(2.354)	(1.882)	(1.410)	(0.938)	(0.466)	
13	Ending Plant (Net of Deferred Taxes)	-	(4.242)	(3.770)	(3.298)	(2.826)	(2.354)	(1.882)	(1.410)	(0.938)	(0.466)	0.000	
14	Average Plant	-	(4.278)	(4.006)	(3.534)	(3.062)	(2.590)	(2.118)	(1.646)	(1.174)	(0.702)	(0.233)	
15	Return @ BTWACC	-	(0.034)	(0.188)	(0.166)	(0.144)	(0.121)	(0.099)	(0.077)	(0.055)	(0.033)	(0.011)	
	4.69%												
16													
17	Transfer @ 11/1/2000												
18	Return of Investment	-	(0.118)	(0.776)	(0.776)	(0.776)	(0.776)	(0.776)	(0.776)	(0.776)	(0.776)	(0.772)	
19	Return on Investment	-	(0.034)	(0.188)	(0.166)	(0.144)	(0.121)	(0.099)	(0.077)	(0.055)	(0.033)	(0.011)	
20	Total Investment	-	(0.152)	(0.964)	(0.942)	(0.920)	(0.897)	(0.875)	(0.853)	(0.831)	(0.809)	(0.783)	

Cambridge Electric Light Company
Calculation of Residual Value Debit - Seabrook Buydown (Kendall)
\$ in Millions

Line	Description	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
1	Proceeds												
2	Tax Basis @ 11/1/2000												
3	Excess Proceeds vs. Tax												
4	Combined Federal and State Tax Rate												
5	Deferred Taxes on Difference												
6	Beginning Plant Balance												
7	Required Amortization												
8	Ending Plant Balance												
9	Beginning Accumulated Deferred Tax Balance												
10	Deferred Tax Provision												
11	Ending Accumulated Deferred Tax Balance												
12	Beginning Plant (Net of Deferred Taxes)												
13	Ending Plant (Net of Deferred Taxes)												
14	Average Plant												
15	Return @ BTWACC												
16													
17	Transfer @ 11/1/2000												
18	Return of Investment												
19	Return on Investment												
20	Total Investment												

Cambridge Electric Light Company
Calculation of Residual Value Debit - Transfer of Regulatory Assets
\$ in Millions

Line	Description	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
1	Proceeds												
2	Tax Basis @ 7/1/1999			\$ (5.789)									
3	Excess Proceeds vs. Tax												
4	Combined Federal and State Tax Rate												
5	Deferred Taxes on Difference												
6	Beginning Plant Balance												
7	Required Amortization	\$ (5.789)	\$ (5.526)	\$ (4.973)	\$ (4.420)	\$ (3.867)	\$ (3.314)	\$ (2.761)	\$ (2.208)	\$ (1.655)	\$ (1.102)	\$ (0.549)	(5.789)
8	Ending Plant Balance	(0.263)	(0.553)	(0.553)	(0.553)	(0.553)	(0.553)	(0.553)	(0.553)	(0.553)	(0.553)	(0.549)	(5.789)
9	Beginning Accumulated Deferred Tax Balance												
10	Deferred Tax Provision	2.271	2.168	1.951	1.734	1.517	1.300	1.083	0.866	0.649	0.432	0.215	2.271
11	Ending Accumulated Deferred Tax Balance	0.103	0.217	0.217	0.217	0.217	0.217	0.217	0.217	0.217	0.217	0.215	2.271
12	Beginning Plant (Net of Deferred Taxes)	2.168	1.951	1.734	1.517	1.300	1.083	0.866	0.649	0.432	0.215	(0.000)	
13	Ending Plant (Net of Deferred Taxes)	(3.518)	(3.358)	(3.022)	(2.686)	(2.350)	(2.014)	(1.678)	(1.342)	(1.006)	(0.670)	(0.334)	
14	Average Plant	(3.358)	(3.022)	(2.686)	(2.350)	(2.014)	(1.678)	(1.342)	(1.006)	(0.670)	(0.334)	(0.000)	
15	Return @ BTWACC	(3.438)	(3.190)	(2.854)	(2.518)	(2.182)	(1.846)	(1.510)	(1.174)	(0.838)	(0.502)	(0.167)	
16	NPV	(0.081)	(0.150)	(0.134)	(0.118)	(0.102)	(0.087)	(0.071)	(0.055)	(0.039)	(0.024)	(0.008)	
17	Transfer @ 7/1/1999												
18	Return of Investment												
19	Return on Investment												
20	Total Investment	(0.263)	(0.553)	(0.553)	(0.553)	(0.553)	(0.553)	(0.553)	(0.553)	(0.553)	(0.553)	(0.549)	
		(0.081)	(0.150)	(0.134)	(0.118)	(0.102)	(0.087)	(0.071)	(0.055)	(0.039)	(0.024)	(0.008)	
		(0.344)	(0.703)	(0.687)	(0.671)	(0.655)	(0.640)	(0.624)	(0.608)	(0.592)	(0.577)	(0.557)	

Cambridge Electric Light Company
2004 Retail Transmission Rate Forecast
\$ in Millions

<u>Line</u>	<u>Description</u>	<u>Total</u>
1	Monthly Transmission Revenue Requirement (OATT)	\$ 18.333
2	RNS Revenues Received from NEPOOL	<u>(3.600)</u>
3	Local Network Service (LNS) Revenue Requirement	\$ 14.733
4	Support Revenues and P-T-P Revenues Received	<u>(0.960)</u>
5	Adjusted LNS Revenue Requirement	\$ 13.773
6	Retail Load Ratio	100.00%
7	Retail LNS Revenue Requirement	\$ 13.773
8	Retail OATT Sch. 1 SCADA Revenue Requirement	0.026
9	Less: OATT Sch. 1 SCADA Revenues Received	-
10	Retail RNS Cost	5.484
11	Retail Schedule & Dispatch Cost	0.360
12	Retail Congestion Management Cost	1.800
13	System Restoration & Planning Cost	0.070
14	VAR Support Cost	-
15	Estimated 2004 Retail Transmission Cost	<u>\$ 21.513</u>
16	2003 Retail Net Transmission (Over)/Under Collection (Page 2, Line 24)	<u>\$ 2.219</u>
17	Retail Transmission to be Collected	\$ 23.732
18	Forecasted 2004 GWH	<u>1,662.921</u>
19	2004 Retail Transmission Rate	<u>\$ 0.01427</u>

Cambridge Electric Light Company
2003 Retail Transmission Cost
\$ In Millions

Line	Description	Account	Dec-02	Actual Jan-03	Actual Feb-03	Actual Mar-03	Actual Apr-03	Actual May-03	Actual Jun-03	Actual Jul-03	Actual Aug-03	Actual Sep-03	Actual Oct-03	Forecast Nov-03	Forecast Dec-03	Total
1	Monthly Transmission Revenue Requirement (OATT)			\$ 1,309	\$ 1,309	\$ 1,309	\$ 1,309	\$ 1,309	\$ 1,309	\$ 1,309	\$ 1,309	\$ 1,309	\$ 1,309	\$ 1,309	\$ 1,310	\$ 15,709
2	RNS Revenues Received from NEPOOL	456690		(0.003)	(0.576)	(0.322)	(0.301)	(0.296)	(0.318)	(0.275)	(0.333)	(0.317)	(0.356)	(0.142)	(0.142)	(3,381)
3	Local Network Service (LNS) Revenue Requirement			\$ 1,306	\$ 0.733	\$ 0.987	\$ 1,008	\$ 1,013	\$ 0.991	\$ 1,034	\$ 0.976	\$ 0.992	\$ 0.953	\$ 1,167	\$ 1,168	\$ 12,328
4	Support Revenues and P-T-P Revenues Received			(0.133)	(0.125)	(0.123)	(0.075)	(0.076)	(0.076)	(0.088)	(0.030)	(0.074)	(0.261)	(0.074)	(0.087)	(1,222)
5	Adjusted LNS Revenue Requirement			\$ 1,173	\$ 0.608	\$ 0.864	\$ 0.933	\$ 0.937	\$ 0.915	\$ 0.946	\$ 0.946	\$ 0.918	\$ 0.892	\$ 1,093	\$ 1,081	\$ 11,106
6	Retail Load Ratio			100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
7	Retail LNS Revenue Requirement			\$ 1,173	\$ 0.608	\$ 0.864	\$ 0.933	\$ 0.937	\$ 0.915	\$ 0.946	\$ 0.946	\$ 0.918	\$ 0.892	\$ 1,093	\$ 1,081	\$ 11,106
8	Retail OATT Sch. 1 SCADA Revenues Received			0.002	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.001	0.002	0.002	0.002	0.026
9	Less: OATT Sch. 1 SCADA Revenues Received			-	-	-	-	-	-	-	-	-	-	-	-	-
10	Retail RNS Cost	565590		0.359	0.354	0.368	0.358	0.362	0.331	0.361	0.457	0.459	0.444	0.300	0.300	4,453
11	Retail Schedule & Dispatch Cost	561140		0.029	0.052	0.043	0.039	0.036	0.031	0.038	0.039	0.007	0.040	0.028	0.028	0,410
12	Retail Congestion Management Cost	565210		(0.071)	0.112	0.187	0.146	0.002	0.060	0.475	1.649	(0.001)	2.070	0.150	0.150	4,929
13	System Restoration & Planning Cost	555060		0.001	0.003	-	0.013	0.007	0.013	0.008	0.007	0.007	0.006	0.004	0.004	0,073
14	VAR Support Cost			-	-	-	-	-	-	-	-	-	-	-	-	-
15	Total Retail Cost			\$ 1,493	\$ 1,132	\$ 1,465	\$ 1,492	\$ 1,346	\$ 1,352	\$ 1,830	\$ 3,100	\$ 1,391	\$ 3,254	\$ 1,577	\$ 1,565	\$ 20,997
16	Transmission Revenues Detail															
17	Residential	440140		\$ 0.336	\$ 0.446	\$ 0.425	\$ 0.364	\$ 0.329	\$ 0.288	\$ 0.347	\$ 0.487	\$ 0.459	\$ 0.335	\$ 0.287	\$ 0.325	\$ 4,428
18	Commercial	442380		1.437	1.822	1.719	1.770	1.904	1.940	2.122	2.329	2.216	1.807	1.998	2.055	23,119
19	Industrial	442400		0.027	0.040	0.036	0.038	0.059	0.045	0.038	0.037	0.041	0.048	0.081	0.087	0,577
20	Street Lighting	444050		0.012	0.014	0.013	0.013	0.013	0.015	0.013	0.013	0.014	0.014	0.015	0.016	0,165
21	Transmission Revenues			\$ 1,812	\$ 2,322	\$ 2,193	\$ 2,185	\$ 2,305	\$ 2,288	\$ 2,520	\$ 2,866	\$ 2,730	\$ 2,204	\$ 2,381	\$ 2,483	\$ 28,289
22	Retail Transmission Deferral (Over)/Under Collection			\$ (0.319)	\$ (1.190)	\$ (0.728)	\$ (0.693)	\$ (0.959)	\$ (0.936)	\$ (0.690)	\$ 0.234	\$ (1.339)	\$ 1.050	\$ (0.804)	\$ (0.918)	\$ (7,292)
23	Interest on Transmission Deferral Balance [Note]			0.020	0.019	0.017	0.015	0.013	0.011	0.009	0.009	0.008	0.007	0.008	0.006	0,142
24	Transmission Deferral (Over)/Under Ending Balance			\$ 9,369	\$ 9,070	\$ 7,899	\$ 7,188	\$ 6,510	\$ 5,564	\$ 3,958	\$ 4,201	\$ 2,870	\$ 3,927	\$ 3,131	\$ 2,219	

Note

Interest = [Prior Month Line 24 + (Current Month Line 22 * 0.5)] * Annual Interest Rate / 12 months
Annual Interest Rate 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64%

Cambridge Electric Light Company
Monthly Standard Offer Deferral
\$ in Millions

Line	Description	Dec-02	Actual Jan-03	Actual Feb-03	Actual Mar-03	Actual Apr-03	Actual May-03	Actual Jun-03	Actual Jul-03	Actual Aug-03	Actual Sep-03	Actual Oct-03	Estimate Nov-03	Estimate Dec-03	Total
1	Standard Offer Revenues [page 5, line 6]		\$ (3,726)	\$ (4,485)	\$ (3,831)	\$ (3,615)	\$ (3,584)	\$ (3,986)	\$ (4,204)	\$ (5,396)	\$ (5,007)	\$ (4,961)	\$ (3,538)	\$ (3,616)	\$ (49,949)
2	Standard Offer Expense [line 12]		4,224	3,590	4,313	3,956	4,015	4,217	5,301	5,375	4,601	4,348	2,943	3,040	49,923
3	Standard Offer Deferral (Over) / Under Recovery		0,498	(0,895)	0,482	0,341	0,431	0,231	1,097	(0,021)	(0,406)	(0,613)	(0,595)	(0,576)	(0,026)
4	Interest on SO Deferral Balance [Note]		0,001	-	-	0,001	0,001	0,002	0,004	0,005	0,004	0,003	0,002	0,001	0,024
5	SO Deferral (Over) / Under Ending Balance	\$ 0,003	\$ 0,502	\$ (0,393)	\$ 0,089	\$ 0,431	\$ 0,863	\$ 1,096	\$ 2,197	\$ 2,181	\$ 1,779	\$ 1,169	\$ 0,576	\$ 0,001	
6	Standard Offer Expense Detail														
7	NUG Purchases [page 2, line 9]		\$ 1,437	\$ 1,291	\$ 1,212	\$ 1,295	\$ 1,421	\$ 1,375	\$ 1,348	\$ 1,347	\$ 0,657	\$ 0,666	\$ 1,190	\$ 1,307	\$ 14,546
8	Short Term Market Transactions [page 4, line 8]		3,349	2,714	3,608	2,661	2,594	2,842	3,953	4,028	3,944	3,682	1,753	1,733	36,861
9	Subtotal [line 7 + line 8]		4,786	4,005	4,820	3,956	4,015	4,217	5,301	5,375	4,601	4,348	2,943	3,040	51,407
10	Wholesale % [page 6, line 7]		11.75%	10.36%	10.51%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11	Wholesale Cost [line 9 * line 10]		0,562	0,415	0,507	-	-	-	-	-	-	-	-	-	1,484
12	Standard Offer Expense [line 9 - line 11]		\$ 4,224	\$ 3,590	\$ 4,313	\$ 3,956	\$ 4,015	\$ 4,217	\$ 5,301	\$ 5,375	\$ 4,601	\$ 4,348	\$ 2,943	\$ 3,040	\$ 49,923

Note

Interest = [Prior Month Line 5 + [Current Month Line 3 * 0.5]] * Annual Interest Rate / 12 months
Annual Interest Rate 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64%

Cambridge Electric Light Company
Monthly NUG Generation
GWH

Line	Description	Actual Jan-03	Actual Feb-03	Actual Mar-03	Actual Apr-03	Actual May-03	Actual Jun-03	Actual Jul-03	Actual Aug-03	Actual Sep-03	Actual Oct-03	Estimate Nov-03	Estimate Dec-03	Total
1	Canal 1	-	-	-	-	-	-	-	-	-	-	-	-	-
2	VT Yankee	9,854	8,590	9,847	9,480	9,763	10,074	9,200	9,474	8,781	7,764	7,835	8,549	109,211
3	Altresco-Pittsfield	20,152	18,366	15,469	17,564	19,913	18,650	18,947	18,654	4,941	6,136	17,023	18,756	194,571
4	Seabrook 1	-	-	-	-	-	-	-	-	-	-	-	-	-
5	NUGs Generation	30,006	26,956	25,316	27,044	29,676	28,724	28,147	28,128	13,722	13,900	24,858	27,305	303,782
6	Less: Assumed Line Losses @ 1.95%	(0,585)	(0,526)	(0,494)	(0,527)	(0,579)	(0,560)	(0,549)	(0,548)	(0,268)	(0,271)	(0,485)	(0,532)	(5,924)
7	Net GWH Delivered	29,421	26,430	24,822	26,517	29,097	28,164	27,598	27,580	13,454	13,629	24,373	26,773	297,858
8	Dist Co Settlement Price	\$ 0.04883	\$ 0.04883	\$ 0.04883	\$ 0.04883	\$ 0.04883	\$ 0.04883	\$ 0.04883	\$ 0.04883	\$ 0.04883	\$ 0.04883	\$ 0.04883	\$ 0.04883	
9	Cost of NUG Purchases	\$ 1.437	\$ 1.291	\$ 1.212	\$ 1.295	\$ 1.421	\$ 1.375	\$ 1.348	\$ 1.347	\$ 0.657	\$ 0.666	\$ 1.190	\$ 1.307	\$ 14,546

Cambridge Electric Light Company
Total NUG Cost
\$ in Millions

Line	Description	Actual Jan-03	Actual Feb-03	Actual Mar-03	Actual Apr-03	Actual May-03	Actual Jun-03	Actual Jul-03	Actual Aug-03	Actual Sep-03	Actual Oct-03	Estimate Nov-03	Estimate Dec-03	Total
1	Canal 1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	Vermont Yankee	0.367	0.355	0.409	0.383	0.414	0.400	0.400	0.398	0.383	0.336	0.424	0.427	4.696
3	Altresco - Pittsfield	1.662	2.250	0.978	1.351	1.804	1.568	1.305	1.598	1.070	1.036	1.730	1.824	18.176
4	Seabrook 1	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Total NUG Cost	\$2.029	\$ 2.605	\$ 1.387	\$ 1.734	\$ 2.218	\$ 1.968	\$ 1.705	\$ 1.996	\$ 1.453	\$ 1.372	\$ 2.154	\$ 2.251	\$ 22.872

Cambridge Electric Light Company
Monthly Short Term Market Transactions
\$ in Millions

Line	Description	Account	Actual Jan-03	Actual Feb-03	Actual Mar-03	Actual Apr-03	Actual May-03	Actual Jun-03	Actual Jul-03	Actual Aug-03	Actual Sep-03	Actual Oct-03	Estimate Nov-03	Estimate Dec-03	Total
Cost															
1	Short Term SO - Sales	447640	\$ (1.245)	\$ (1.072)	\$ (0.991)	\$ (0.941)	\$ (0.952)	\$ (0.925)	\$ (1.187)	\$ (1.105)	\$ (0.564)	\$ (0.570)	\$ (0.764)	\$ (0.840)	\$ (11.156)
2	Mirant	555916	1.774	1.173	1.676	1.478	1.583	1.703	2.228	1.993	1.886	1.748	1.026	1.050	19.318
3	Short Term SO - Energy	555010	2.694	2.558	2.870	2.074	1.913	2.014	2.862	3.082	2.558	2.454	1.491	1.523	28.093
4	Short Term SO - Capacity	555020	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Renewable Energy Certificates	557110	-	-	-	-	-	-	-	-	0.014	-	-	-	0.014
6	ISO - NE	555933	0.126	0.055	0.053	0.050	0.050	0.050	0.050	0.058	0.050	0.050	-	-	0.592
7	Blackstone		-	-	-	-	-	-	-	-	-	-	-	-	-
8	Total ST Market Cost		\$ 3.349	\$ 2.714	\$ 3.608	\$ 2.661	\$ 2.594	\$ 2.842	\$ 3.953	\$ 4.028	\$ 3.944	\$ 3.682	\$ 1.753	\$ 1.733	\$ 36.861

Cambridge Electric Light Company
Standard Offer Revenue
\$ in Millions

Line	Description	Account	Actual Jan-03	Actual Feb-03	Actual Mar-03	Actual Apr-03	Actual May-03	Actual Jun-03	Actual Jul-03	Actual Aug-03	Actual Sep-03	Actual Oct-03	Estimate Nov-03	Estimate Dec-03	Total
1	Standard Offer Revenues														
2	Residential	440170	\$ 0.458	\$ 0.483	\$ 0.452	\$ 0.392	\$ 0.399	\$ 0.345	\$ 0.379	\$ 0.619	\$ 0.630	\$ 0.450	\$ 0.427	\$ 0.473	\$ 5.507
3	Commercial	442450	3.140	3.880	3.253	3.116	3.057	3.506	3.715	4.669	4.234	4.328	2.967	2.993	42.858
4	Industrial	442460	0.090	0.088	0.094	0.078	0.097	0.102	0.080	0.074	0.102	0.138	0.121	0.126	1.190
5	Street Light	444070	0.038	0.034	0.032	0.029	0.031	0.033	0.030	0.034	0.041	0.045	0.023	0.024	0.394
6	Total Standard Offer Revenues		\$ 3.726	\$ 4.485	\$ 3.831	\$ 3.615	\$ 3.584	\$ 3.986	\$ 4.204	\$ 5.396	\$ 5.007	\$ 4.961	\$ 3.538	\$ 3.616	\$ 49.949
7	Standard Offer GWH Sales		84.792	83.393	81.479	76.898	73.941	71.203	75.028	96.324	86.293	81.139	57.757	59.049	927.296

Cambridge Electric Light Company
Monthly Wholesale GWH Sales, Wholesale Sales as Percentage of Sales

Line	Wholesale Customer	Actual Jan-03	Actual Feb-03	Actual Mar-03	Actual Apr-03	Actual May-03	Actual Jun-03	Actual Jul-03	Actual Aug-03	Actual Sep-03	Actual Oct-03	Estimate Nov-03	Estimate Dec-03	Total
1	Belmont	11,293	9,642	9,569	-	-	-	-	-	-	-	-	-	30,504
2	Other	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Other	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Total Wholesale Sales	11,293	9,642	9,569	-	-	-	-	-	-	-	-	-	30,504
5	Retail Sales - SO	84,792	83,393	81,479	76,898	73,941	71,203	75,028	96,324	86,293	81,139	57,757	59,049	927,296
6	Total Sales (Whsle + SO)	96,085	93,035	91,048	76,898	73,941	71,203	75,028	96,324	86,293	81,139	57,757	59,049	957,800
7	Wholesale % (Line 5 / line 7)	11.75%	10.36%	10.51%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

Cambridge Electric Light Company
Monthly Default Service Deferral
\$ In Millions

Line	Description	Account	Dec-02	Actual Jan-03	Actual Feb-03	Actual Mar-03	Actual Apr-03	Actual May-03	Actual Jun-03	Actual Jul-03	Actual Aug-03	Actual Sep-03	Actual Oct-03	Estimate Nov-03	Estimate Dec-03	Total
1	Default Service Revenues [line 12]			\$ (1,745)	\$ (1,891)	\$ (1,779)	\$ (1,855)	\$ (2,105)	\$ (2,033)	\$ (2,731)	\$ (3,630)	\$ (3,187)	\$ (2,400)	\$ (1,732)	\$ (1,904)	\$ (26,992)
2	Default Service Adjustment Revenues [line 19]			(0,300)	(0,221)	(0,215)	(0,201)	(0,206)	(0,196)	(0,208)	(0,268)	(0,243)	(0,217)	(0,193)	(0,200)	(2,668)
3	Default Service Expense			2,210	1,825	1,845	1,814	2,037	2,233	5,254	2,229	2,513	2,149	1,732	1,904	27,745
4	Default Service Deferral (Over) / Under Recovery			0,165	(0,287)	(0,149)	(0,242)	(0,274)	0,004	2,315	(1,669)	(0,917)	(0,468)	(0,193)	(0,200)	(1,915)
5	Interest on Default Service Deferral Balance [Note]			0,013	0,013	0,012	0,012	0,011	0,011	0,014	0,014	0,012	0,010	0,009	0,009	0,140
6	Default Service (Over) / Under Ending Balance			\$ 5,970	\$ 5,696	\$ 5,559	\$ 5,329	\$ 5,066	\$ 5,081	\$ 7,410	\$ 5,755	\$ 4,850	\$ 4,392	\$ 4,208	\$ 4,017	
7	Default Service Revenues Detail															
8	Residential	440180		\$ 0,371	\$ 0,391	\$ 0,383	\$ 0,324	\$ 0,299	\$ 0,283	\$ 0,440	\$ 0,575	\$ 0,530	\$ 0,410	\$ 0,209	\$ 0,249	\$ 4,484
9	Commercial	442480		1,357	1,448	1,377	1,508	1,786	1,743	2,284	3,030	2,624	1,999	1,453	1,576	22,185
10	Industrial	442490		0,016	0,051	0,018	0,022	0,020	0,006	0,006	0,024	0,032	(0,010)	0,059	0,066	0,310
11	Street Light	444100		0,001	0,001	0,001	0,001	-	0,001	0,001	0,001	0,001	0,001	0,011	0,013	0,033
12	Total			\$ 1,745	\$ 1,891	\$ 1,779	\$ 1,855	\$ 2,105	\$ 2,033	\$ 2,731	\$ 3,630	\$ 3,187	\$ 2,400	\$ 1,732	\$ 1,904	\$ 26,992
13	Default Service GWH Sales			33,175	37,994	36,893	39,518	43,696	41,545	47,623	55,143	49,506	38,672	38,935	41,069	503,769
14	Default Service Adjustment Revenues Detail															
15	Residential	440175		\$ 0,036	\$ 0,030	\$ 0,028	\$ 0,024	\$ 0,022	\$ 0,019	\$ 0,023	\$ 0,033	\$ 0,031	\$ 0,022	\$ 0,023	\$ 0,026	\$ 0,317
16	Commercial	442455		0,256	0,184	0,181	0,171	0,178	0,172	0,180	0,230	0,206	0,189	0,162	0,166	2,275
17	Industrial	442465		0,006	0,006	0,005	0,005	0,005	0,004	0,004	0,004	0,005	0,005	0,007	0,007	0,063
18	Street Light	444075		0,002	0,001	0,001	0,001	0,001	0,001	0,001	0,001	0,001	0,001	0,001	0,001	0,013
19	Total			\$ 0,300	\$ 0,221	\$ 0,215	\$ 0,201	\$ 0,206	\$ 0,196	\$ 0,208	\$ 0,268	\$ 0,243	\$ 0,217	\$ 0,193	\$ 0,200	\$ 2,668
20	Total GWH Sales			134,445	137,265	134,886	127,287	127,043	122,710	132,922	164,794	152,079	135,806	120,578	125,635	1,615,450

Note

Interest = [Prior Month Line 6 + [Current Month Line 4 * 0.5]] * Annual Interest Rate / 12 months
Annual Interest Rate 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64%

Cambridge Electric Light Company
Monthly Standard Offer Deferral
\$ in Millions

Line	Description	Dec-03	Estimate Jan-04	Estimate Feb-04	Estimate Mar-04	Estimate Apr-04	Estimate May-04	Estimate Jun-04	Estimate Jul-04	Estimate Aug-04	Estimate Sep-04	Estimate Oct-04	Estimate Nov-04	Estimate Dec-04	Total
1	Standard Offer Revenues [page 5, line 7]		\$ (4,699)	\$ (4,747)	\$ (4,641)	\$ (4,489)	\$ (4,404)	\$ (4,333)	\$ (4,882)	\$ (5,433)	\$ (4,854)	\$ (4,409)	\$ (4,310)	\$ (4,377)	\$ (55,578)
2	Standard Offer Expense [line 9]		5,442	4,724	4,747	4,057	4,745	4,476	5,115	5,410	4,417	4,100	3,997	4,338	55,568
3	Standard Offer Deferral (Over) / Under Recovery		0.743	(0.023)	0.106	(0.432)	0.341	0.143	0.233	(0.023)	(0.437)	(0.309)	(0.313)	(0.039)	(0.010)
4	Interest on SO Deferral Balance [Note]		-	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-	-	0.009
5	SO Deferral (Over) / Under Ending Balance	\$ 0.001	\$ 0.744	\$ 0.722	\$ 0.829	\$ 0.398	\$ 0.740	\$ 0.884	\$ 1.118	\$ 1.096	\$ 0.660	\$ 0.352	\$ 0.039	\$ (0.000)	
6	Standard Offer Expense Detail														
7	NUG Purchases [page 2, line 7]		\$ 1,849	\$ 1,664	\$ 1,718	\$ 0,984	\$ 1,576	\$ 1,651	\$ 1,702	\$ 1,622	\$ 1,392	\$ 1,488	\$ 1,616	\$ 1,694	\$ 18,956
8	Short Term Market Transactions [page 4, line 5]		3,593	3,060	3,029	3,073	3,169	2,825	3,413	3,788	3,025	2,612	2,381	2,644	36,612
9	Standard Offer Expense [line 7 + line 8]		\$ 5,442	\$ 4,724	\$ 4,747	\$ 4,057	\$ 4,745	\$ 4,476	\$ 5,115	\$ 5,410	\$ 4,417	\$ 4,100	\$ 3,997	\$ 4,338	\$ 55,568

Note

Interest = [Prior Month Line 5 + [Current Month Line 3 * 0.5]] * Annual Interest Rate / 12 months
Annual Interest Rate 1.47%

1.47% 1.47% 1.47% 1.47% 1.47% 1.47% 1.47% 1.47% 1.47% 1.47% 1.47% 1.47% 1.47% 1.47% 1.47%

Cambridge Electric Light Company
Monthly NUG Generation
GWH

Line	Description	Estimate Jan-04	Estimate Feb-04	Estimate Mar-04	Estimate Apr-04	Estimate May-04	Estimate Jun-04	Estimate Jul-04	Estimate Aug-04	Estimate Sep-04	Estimate Oct-04	Estimate Nov-04	Estimate Dec-04	Total
1	VT Yankee	8,819	8,236	9,134	-	7,068	8,959	8,858	8,758	8,193	6,427	9,054	8,692	92,198
2	Altresco-Pittsfield	20,105	17,801	17,737	15,394	17,585	16,876	17,763	16,615	13,582	16,854	16,232	17,806	204,350
3	NUGs Generation	28,924	26,037	26,871	15,394	24,653	25,835	26,621	25,373	21,775	23,281	25,286	26,498	296,548
4	Less: Assumed Line Losses @ 1.95%	(0.564)	(0.509)	(0.524)	(0.300)	(0.481)	(0.504)	(0.519)	(0.495)	(0.425)	(0.454)	(0.493)	(0.517)	(5,784)
5	Net GWH Delivered	28,360	25,529	26,347	15,094	24,172	25,331	26,102	24,878	21,350	22,827	24,793	25,981	290,764
6	Dist Co Settlement Price	\$ 0.06519	\$ 0.06519	\$ 0.06519	\$ 0.06519	\$ 0.06519	\$ 0.06519	\$ 0.06519	\$ 0.06519	\$ 0.06519	\$ 0.06519	\$ 0.06519	\$ 0.06519	\$ 18,956
7	Cost of NUG Purchases	\$ 1,849	\$ 1,664	\$ 1,718	\$ 0,984	\$ 1,576	\$ 1,651	\$ 1,702	\$ 1,622	\$ 1,392	\$ 1,488	\$ 1,616	\$ 1,694	\$

Cambridge Electric Light Company
Total NUG Cost
\$ in Millions

Line	Description	Estimate Jan-04	Estimate Feb-04	Estimate Mar-04	Estimate Apr-04	Estimate May-04	Estimate Jun-04	Estimate Jul-04	Estimate Aug-04	Estimate Sep-04	Estimate Oct-04	Estimate Nov-04	Estimate Dec-04	Total
1	Vermont Yankee	\$ 0.382	\$ 0.357	\$ 0.396	\$ 0.005	\$ 0.308	\$ 0.388	\$ 0.384	\$ 0.380	\$ 0.356	\$ 0.280	\$ 0.393	\$ 0.377	\$ 4.006
2	Altresco - Pittsfield	1.758	1.566	1.641	1.518	1.595	1.338	1.388	1.358	1.273	1.600	1.559	1.646	18.240
3	Total NUG Cost	\$ 2.140	\$ 1.923	\$ 2.037	\$ 1.523	\$ 1.903	\$ 1.726	\$ 1.772	\$ 1.738	\$ 1.629	\$ 1.880	\$ 1.952	\$ 2.023	\$ 22.246

Cambridge Electric Light Company
Monthly Short Term Market Transactions
\$ in Millions

Line	Description	Estimate Jan-04	Estimate Feb-04	Estimate Mar-04	Estimate Apr-04	Estimate May-04	Estimate Jun-04	Estimate Jul-04	Estimate Aug-04	Estimate Sep-04	Estimate Oct-04	Estimate Nov-04	Estimate Dec-04	Total
Cost														
1	Short Term SO	\$ 3,212	\$ 2,781	\$ 2,613	\$ 2,225	\$ 2,430	\$ 2,322	\$ 3,011	\$ 3,211	\$ 2,331	\$ 2,074	\$ 2,036	\$ 2,253	\$ 30,499
2	Mirant	1,889	1,623	1,641	1,492	1,708	1,542	1,668	1,778	1,559	1,440	1,365	1,472	19,177
3	Short Term SO Sales	(1,508)	(1,344)	(1,225)	(0,644)	(0,969)	(1,039)	(1,266)	(1,201)	(0,865)	(0,902)	(1,020)	(1,081)	(13,064)
4	Other	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Total ST Market Cost	\$ 3,593	\$ 3,060	\$ 3,029	\$ 3,073	\$ 3,169	\$ 2,825	\$ 3,413	\$ 3,788	\$ 3,025	\$ 2,612	\$ 2,381	\$ 2,644	\$ 36,612

Cambridge Electric Light Company
Standard Offer Revenue
\$ in Millions

Line	Description	Estimate Jan-04	Estimate Feb-04	Estimate Mar-04	Estimate Apr-04	Estimate May-04	Estimate Jun-04	Estimate Jul-04	Estimate Aug-04	Estimate Sep-04	Estimate Oct-04	Estimate Nov-04	Estimate Dec-04	Total
1	Standard Offer GWH Sales	75.520	75.085	73.408	71.001	69.674	68.536	77.212	85.947	76.775	69.754	68.171	69.235	880.318
2	Standard Offer Price	\$ 0.04900	\$ 0.05100	\$ 0.05100	\$ 0.05100	\$ 0.05100	\$ 0.05100	\$ 0.05100	\$ 0.05100	\$ 0.05100	\$ 0.05100	\$ 0.05100	\$ 0.05100	
3	Standard Offer Revenues	\$ 3.700	\$ 3.829	\$ 3.744	\$ 3.621	\$ 3.553	\$ 3.495	\$ 3.938	\$ 4.383	\$ 3.916	\$ 3.557	\$ 3.477	\$ 3.531	\$ 44.744
4	Standard Offer GWH Sales	75.520	75.085	73.408	71.001	69.674	68.536	77.212	85.947	76.775	69.754	68.171	69.235	880.318
5	SOSFA Price	\$ 0.01323	\$ 0.01222	\$ 0.01222	\$ 0.01222	\$ 0.01222	\$ 0.01222	\$ 0.01222	\$ 0.01222	\$ 0.01222	\$ 0.01222	\$ 0.01222	\$ 0.01222	
6	SOSFA Revenues	\$ 0.999	\$ 0.918	\$ 0.897	\$ 0.868	\$ 0.851	\$ 0.838	\$ 0.944	\$ 1.050	\$ 0.938	\$ 0.852	\$ 0.833	\$ 0.846	\$ 10.834
7	Total Standard Offer & SOSFA Revenues	\$ 4.699	\$ 4.747	\$ 4.641	\$ 4.489	\$ 4.404	\$ 4.333	\$ 4.882	\$ 5.433	\$ 4.854	\$ 4.409	\$ 4.310	\$ 4.377	\$ 55.578

Cambridge Electric Light Company
Monthly Default Service Deferral
\$ In Millions

Line	Description	Dec-03	Estimate Jan-04	Estimate Feb-04	Estimate Mar-04	Estimate Apr-04	Estimate May-04	Estimate Jun-04	Estimate Jul-04	Estimate Aug-04	Estimate Sep-04	Estimate Oct-04	Estimate Nov-04	Estimate Dec-04	Total
1	Default Service Revenues [line 10]		\$ (2,784)	\$ (2,832)	\$ (2,690)	\$ (2,484)	\$ (2,373)	\$ (2,395)	\$ (2,978)	\$ (3,558)	\$ (3,004)	\$ (2,471)	\$ (2,385)	\$ (2,483)	\$ (32,437)
2	Default Service Adjustment Revenues [line 14]		(0.290)	(0.362)	(0.357)	(0.348)	(0.344)	(0.341)	(0.388)	(0.436)	(0.392)	(0.360)	(0.355)	(0.363)	(4,336)
3	Default Service Expense		3,085	2,666	2,691	2,328	2,687	2,578	3,244	3,523	2,892	2,374	2,314	2,567	32,749
4	Default Service Deferral (Over) / Under Recovery		0.011	(0.528)	(0.356)	(0.504)	(0.030)	(0.158)	(0.122)	(0.471)	(0.704)	(0.457)	(0.426)	(0.279)	(4,024)
5	Interest on Default Service Deferral Balance [Note]		0.005	0.005	0.004	0.004	0.003	0.003	0.003	0.003	0.002	0.001	0.001	-	0.034
6	Default Service (Over) / Under Ending Balance	\$ 4.017	\$ 4.033	\$ 3.510	\$ 3.158	\$ 2.658	\$ 2.631	\$ 2.476	\$ 2.357	\$ 1.889	\$ 1.187	\$ 0.731	\$ 0.306	\$ 0.027	
7	Default Service Revenues Detail														
8	Default Service GWH Sales		43,154	43,503	43,124	42,294	42,085	41,980	47,961	54,142	49,051	45,200	44,805	46,157	543,456
9	Default Service Price		\$0.06451	\$0.06510	\$0.06237	\$0.05872	\$0.05638	\$0.05704	\$0.06209	\$0.06571	\$0.06124	\$0.05467	\$0.05324	\$0.05380	
10	Default Service Revenues		\$ 2,784	\$ 2,832	\$ 2,690	\$ 2,484	\$ 2,373	\$ 2,395	\$ 2,978	\$ 3,558	\$ 3,004	\$ 2,471	\$ 2,385	\$ 2,483	\$ 32,437
11	Default Service Adjustment Revenues Detail														
12	Total GWH Sales		136,219	136,543	134,595	131,265	129,892	128,852	146,401	164,366	148,100	135,735	133,826	137,127	1,662,921
13	Default Service Adjustment Price		\$0.00213	\$0.00265	\$0.00265	\$0.00265	\$0.00265	\$0.00265	\$0.00265	\$0.00265	\$0.00265	\$0.00265	\$0.00265	\$0.00265	
14	Default Service Adjustment Revenues		\$ 0.290	\$ 0.362	\$ 0.357	\$ 0.348	\$ 0.344	\$ 0.341	\$ 0.388	\$ 0.436	\$ 0.392	\$ 0.360	\$ 0.355	\$ 0.363	\$ 4,336

Note

Interest = [Prior Month Line 6 + [Current Month Line 4 * 0.5]] * Annual Interest Rate / 12 months
Annual Interest Rate 1.47% 1.47% 1.47% 1.47% 1.47% 1.47% 1.47% 1.47% 1.47% 1.47% 1.47% 1.47% 1.47% 1.47%

**Commonwealth Electric Company
Transition Charge Calculation
\$ in Millions**

Year	GWH Delivered Col. B	Transition Charge Billed Col. C	Revenues for Delivered GWH Col. D	Total			Prior Year Deferral Col. H	Interest on Deferral Col. I	Expenses Col. J	(Over) Under Collection Col. K
				Fixed Component Col. E	Variable Component Col. F	Other Adjustment Col. G				
2002	4,156,303	2,829	\$ 117,592	\$ 0.532	\$ 133,387	\$ 1,527	\$ 81,510	\$ 3,122	\$ 220,078	\$ 81,510
2004	4,206,192	2,027	85,260	0.494	93,451	1,588	102,486	2,706	200,725	115,465
2005	4,290,316	4,716	202,342	0.458	82,688	2,034	115,465	1,697	202,342	-
2006	4,376,122	1,953	85,444	0.418	83,111	1,915	-	-	85,444	-
2007	4,463,644	1,802	80,456	0.382	78,163	1,911	-	-	80,456	-
2008	4,552,917	1,468	66,841	0.343	64,677	1,821	-	-	66,841	-
2009	4,643,975	1,247	57,926	0.305	55,675	1,946	-	-	57,926	-
2010	4,736,855	1,220	57,773	-	56,252	1,521	-	-	57,773	-
2011	4,831,592	1,200	57,976	-	56,771	1,205	-	-	57,976	-
2012	4,928,224	1,209	59,582	-	58,540	1,042	-	-	59,582	-
2013	5,026,788	1,222	61,442	-	60,987	0,455	-	-	61,442	-
2014	5,127,324	1,229	63,031	-	62,504	0,527	-	-	63,031	-
2015	5,229,870	1,189	62,165	-	61,651	0,514	-	-	62,165	-
2016	5,334,467	0,477	25,451	-	25,085	0,366	-	-	25,451	-
2017	5,441,156	0,200	10,874	-	10,428	0,446	-	-	10,874	-
2018	5,549,979	0,102	5,675	-	5,241	0,434	-	-	5,675	-
2019	5,660,979	0,097	5,486	-	5,162	0,324	-	-	5,486	-
2020	5,774,199	0,096	5,524	-	5,106	0,418	-	-	5,524	-
2021	5,889,683	0,101	5,920	-	5,507	0,413	-	-	5,920	-
2022	6,007,477	0,058	3,507	-	3,208	0,299	-	-	3,507	-
2023	6,127,627	0,023	1,438	-	1,033	0,405	-	-	1,438	-
2024	6,250,180	0,006	0,404	-	-	0,404	-	-	0,404	-
2025	6,375,184	0,004	0,265	-	-	0,265	-	-	0,265	-
2026	6,502,688	0,005	0,345	-	-	0,345	-	-	0,345	-

Col. B: 2003 - 10 months actual, 2 months forecast; 2004 per revised sales forecast; years 2005 and beyond assumes 2% growth per annum.

Col. C: 2003 = Col. D / Col. B; 2004 = 15% Rate Cap Transition Charge rate; Post 2004 = Col. J / Col. B.

Col. D: 2003 per Page 2, Line 15; 2004 = Col. B * Col. C; Post 2004 = Col. J.

Col. E: Exh. 1, Page 3, Col. H.

Col. F: Exh. 1, Page 4, Col. M.

Col. G: Exh. 1, Page 5, Col. L.

Col. H: Col. K prior year.

Col. I: Col. H times interest rate on customer deposits; 2002 ending balance = 3.83%; 2003 ending balance = 2.64%; Post 2003 = 1.47%.

Col. J: Sum Cols. E thru I.

Col. K: 2002 per D.T.E. 02-80B (Supp) changed to incorporate settlement agreement for D.T.E. 01-79; 2003 and later = Col. J - Col. D.

Commonwealth Electric Company
Estimated 2003 Transition Revenues (10 months actual, 2 months forecast)
\$ in Millions

Line	Description	GWH	A/C #	Per Book \$	Total
1	2003 Estimated Transition Billed Revenues:				
2	Residential Transition	2,044.500	440160	\$ 55.914	
3	Commercial Transition	1,741.505	442500	47.344	
4	Industrial Transition	372.635	442430	9.783	
5	Street Light Transition	15.830	444060	0.433	
6	Total Billed Revenues	4,174.470			\$ 113.474
7	2003 Estimated Transition Unbilled Revenues:				
8	Less: Residential Transition Unbilled @ 12/31/02	(91.151)			
9	Plus: Residential Transition Unbilled @ 12/31/03	82.965	440162	\$ 2.016	
10	Less: Industrial Transition Unbilled @ 12/31/02	(18.078)			
11	Plus: Industrial Transition Unbilled @ 12/31/03	15.836	442435	0.330	
12	Less: Commercial Transition Unbilled @ 12/31/02	(81.065)			
13	Plus: Commercial Transition Unbilled @ 12/31/03	73.326	442505	1.772	
14	Total Unbilled Revenues	(18.167)			4.118
15	Total 2003 Transition Revenues	4,156.303	2.829		\$ 117.592

Commonwealth Electric Company

Summary of Transition Charge - Fixed Component

\$ in Millions

Commonwealth Electric Company		Residual Value Credit						Net Fixed Component					
Pre-Tax Return on Generation Related Assets		Amortization of Commonwealth Generation		Pre-Tax Return on Canal Related Generation		Amortization of Canal Related Generation							
Year	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H						
Col. A													
2003	\$	0.103	\$	0.157	\$	0.041	\$	0.114	\$	0.099	\$	0.018	0.532
2004		0.087		0.157		0.034		0.114		0.084		0.018	0.494
2005		0.071		0.157		0.028		0.114		0.070		0.018	0.458
2006		0.055		0.157		0.022		0.114		0.052		0.018	0.418
2007		0.039		0.157		0.015		0.114		0.039		0.018	0.382
2008		0.023		0.157		0.009		0.114		0.022		0.018	0.343
2009		0.008		0.152		0.003		0.110		0.008		0.024	0.305

Note: Amounts per Exhibit COM-JFL-2
Col. H = Sum of Columns B through G.

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Legend:

Col. B:	Exhibit 1, Page 6, Col. E.
Col. C:	2003 - Exhibit COM-JFL-4, Page 3, Line 16; 2004 - Exhibit COM-JFL-6, Page 3, Line 14.
Col. D:	2003 - Exhibit COM-JFL-4, Page 2, Line 20; 2004 - Exhibit COM-JFL-6, Page 2, Line 18.
Col. E:	Col. C - Col. D.
Col. F:	Exhibit 1, Page 7, Col. G.
Col. G:	CPC Lowell buyout payment, 54 months starting December 1999.
Col. H:	Commonwealth's 11% share of the Boston Edison Pilgrim property tax liability.
Col. I:	Commonwealth's 11% share of the Boston Edison Pilgrim NEIL credit.
Col. K:	Exhibit COM-HCL-6.
Col. L:	Reversal of Prior Year Rate Design Adjustment (-Col. K(prior year)).
Col. M:	Col. B + Col. E + Col. F + Col. G + Col. H + Col. I + Col. J + Col. K + Col. L.

Commonwealth Electric Company

Summary of Transition Charge - Other Adjustments

\$ in Millions

Year	Mitigation Incentive																			Total Other Adjustments
	EIS										Gain on Sale of Utility Land									
	Return on Investment Adjustment	Mitigation Incentive Adjustment	Col. D	Col. E	Other Adjustment	Hydro Quebec Transmission	Fixed Component (Page 8)	Lowell Cogen. Buyout (Page 9)	Pilgrim Contract Buyout (Page 10)	Seabrook Buydown (Page 11)	Seabrook Buyout (Page 12)									
Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L									
2003	\$	-	\$	-	\$	0.022	\$	0.237	\$ (0.105)	\$	0.670	\$	0.510	\$	0.196	\$	1.527			
2004	-	-	(0.127)	-	-	0.012	0.231	0.327	0.524	0.496	0.125	1.588								
2005	-	-	-	-	-	0.012	0.226	0.419	0.712	0.483	0.182	2.034								
2006	-	-	-	-	-	0.012	0.221	0.430	0.604	0.468	0.180	1.915								
2007	-	-	-	-	-	0.012	0.216	0.439	0.687	0.456	0.101	1.911								
2008	-	-	-	-	-	0.012	0.211	0.447	0.549	0.441	0.161	1.821								
2009	-	-	-	-	-	-	0.206	0.464	0.677	0.427	0.172	1.946								
2010	-	-	-	-	-	-	-	0.476	0.548	0.414	0.083	1.521								
2011	-	-	-	-	-	-	-	-	0.647	0.400	0.158	1.205								
2012	-	-	-	-	-	-	-	-	0.492	0.385	0.165	1.042								
2013	-	-	-	-	-	-	-	-	-	0.374	0.081	0.455								
2014	-	-	-	-	-	-	-	-	-	0.359	0.168	0.527								
2015	-	-	-	-	-	-	-	-	-	0.345	0.169	0.514								
2016	-	-	-	-	-	-	-	-	-	0.333	0.033	0.366								
2017	-	-	-	-	-	-	-	-	-	0.319	0.127	0.446								
2018	-	-	-	-	-	-	-	-	-	0.303	0.131	0.434								
2019	-	-	-	-	-	-	-	-	-	0.293	0.031	0.324								
2020	-	-	-	-	-	-	-	-	-	0.277	0.141	0.418								
2021	-	-	-	-	-	-	-	-	-	0.262	0.151	0.413								
2022	-	-	-	-	-	-	-	-	-	0.252	0.047	0.299								
2023	-	-	-	-	-	-	-	-	-	0.236	0.169	0.405								
2024	-	-	-	-	-	-	-	-	-	0.219	0.185	0.404								
2025	-	-	-	-	-	-	-	-	-	0.204	0.061	0.265								
2026	-	-	-	-	-	-	-	-	-	0.185	0.160	0.345								

Col. C: 2003 adjustment to actual of Column I. 2004 forecasted adjustment to Column H.
Col. D: Net Proceeds for Sale of Land at 15 Church Street, Tisbury, MA.
Col. F: Equals 4 percent of Page 7, Col. E.

Commonwealth Electric Company Share of
Summary of Transition Charge - Decommissioning
\$ in Millions

Year	Seabrook	Seabrook	Yankee	Total
Col. A	Unit 1 Col. B	Unit 2 Col. C	Atomic Col. D	Col. E
2003 *	\$ -	\$ -	\$ 0.811	\$0.811
2004	-	-	1.391	1.391
2005	-	-	1.391	1.391
2006	-	-	0.350	0.350
2007	-	-	0.350	0.350
2008	-	-	0.350	0.350
2009	-	-	0.350	0.350
2010	-	-	0.350	0.350
2011	-	-	0.350	0.350
2012	-	-	-	-
2013	-	-	-	-
2014	-	-	-	-
2015	-	-	-	-
2016	-	-	-	-
2017	-	-	-	-
2018	-	-	-	-
2019	-	-	-	-
2020	-	-	-	-
2021	-	-	-	-
2022	-	-	-	-
2023	-	-	-	-
2024	-	-	-	-
2025	-	-	-	-
2026	-	-	-	-

* 10 months actual, 2 months estimate.

Note: Col. B & Col. C subject to final
reconciliation of sale transaction.

**Commonwealth Electric Company
Transmission in Support of Remote Generation
\$ in Millions**

<u>Year</u> Col. A	<u>Seabrook 1</u> Col. B	<u>Hydro Quebec Phase 1</u> Col. C	<u>Hydro Quebec Phase 2</u> Col. D	<u>Hydro Quebec Mitigation</u> Col. E	<u>Wyman 4</u> Col. F	<u>Total</u> Col. G
2003 *	\$0.002	\$0.302	\$1.806	(\$0.553)	\$0.000	\$1.557
2004	0.000	0.300	1.667	(0.300)	0.000	1.667
2005	0.000	0.291	1.904	(0.300)	0.000	1.895
2006	0.000	0.153	1.885	(0.300)	0.000	1.738
2007	0.000	0.086	1.865	(0.300)	0.000	1.651
2008	0.000	0.088	1.847	(0.300)	0.000	1.635
2009	0.000	0.091	1.829		0.000	1.920
2010	0.000	0.094	1.813		0.000	1.907
2011	0.000	0.096	1.796			1.892
2012	0.000	0.099	1.781			1.880
2013	0.000	0.102	1.767			1.869
2014	0.000	0.104	1.758			1.862
2015	0.000	0.107	1.760			1.867
2016	0.000	0.111	1.344			1.455
2017	0.000	0.114	1.450			1.564
2018	0.000	0.117	1.486			1.603
2019	0.000	0.121	1.523			1.644
2020	0.000	0.125	1.562			1.687
2021	0.000	0.129	2.061			2.190
2022	0.000					0.000
2023	0.000					0.000
2024	0.000					0.000
2025	0.000					0.000
2026	0.000					0.000

* 10 months actual, 2 months estimate.

Commonwealth Electric Company
Transition Charge Mitigation Incentive Summary - Fixed
\$ in Millions

Line		<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>
1	Residual Value Credit (Debit):							
2	Commonwealth (Exhibit 2, Page 3, Line 33) Total Proceeds	(\$0.155)	(\$0.148)	(\$0.142)	(\$0.136)	(\$0.129)	(\$0.123)	(\$0.113)
3	Canal (Exhibit 2, Page 4, Line 29) Excess Proceeds	32.707	31.921	31.134	30.348	29.561	28.775	27.986
4	Commonwealth (Exhibit 2, Page 5, Line 6) Pilgrim Buyout	(11.448)	(11.173)	(10.898)	(10.621)	(10.346)	(10.071)	(9.802)
5	Commonwealth (Exhibit 2, Page 10, Line 29) PREA Buyout	(0.248)	(0.242)	(0.236)	(0.230)	(0.225)	(0.219)	(0.208)
6	Commonwealth (Exhibit 2, Page 11, Line 29) Seabrook Buydown	(14.681)	(14.328)	(13.975)	(13.622)	(13.269)	(12.915)	(12.563)
7	Total	<u>6.175</u>	<u>6.030</u>	<u>5.883</u>	<u>5.739</u>	<u>5.592</u>	<u>5.447</u>	<u>5.300</u>
8								
9	Less - Owned Generation per Compliance Filing:							
10	Commonwealth (Exhibit 2, Page 2, Line 28) Embedded Cost	<u>0.260</u>	<u>0.244</u>	<u>0.228</u>	<u>0.212</u>	<u>0.196</u>	<u>0.180</u>	<u>0.160</u>
11								
12	Net Incremental Gain on Sale of Owned Gen (L7 - L10)	<u>5.915</u>	<u>5.786</u>	<u>5.655</u>	<u>5.527</u>	<u>5.396</u>	<u>5.267</u>	<u>5.140</u>
13								
14	Transition Charge Mitigation Incentive Mechanism @ 4%	<u>\$0.237</u>	<u>\$0.231</u>	<u>\$0.226</u>	<u>\$0.221</u>	<u>\$0.216</u>	<u>\$0.211</u>	<u>\$0.206</u>

Commonwealth Electric Company
Transition Charge Mitigation Incentive Mechanism - Lowell Cogen Buyout
\$ in Millions

Year Col. A	Original Forecast			Revised Forecast		Transition Charge Mitigation Incentive @ 4% Col. G		Estimated GWH Sales Col. H	Impact on Transition Charge (cents/kwh) Col. I
	Power Contract Total Obligation Col. B	Assumed Market Value Col. C	Assumed Excess Over Market Col. D	Future Power Contract Buyouts Col. E	Total Mitigation Col. F				
2003	\$13.384	\$3.264	\$10.120	\$12.741	(\$2.621)	(\$0.105)	4,156.303	(0.00253)	
2004	13.685	3.379	10.306	2.124	8.182	0.327	4,206.192	0.00777	
2005	14.015	3.528	10.487		10.487	0.419	4,290.316	0.00977	
2006	14.368	3.626	10.742		10.742	0.430	4,376.122	0.00983	
2007	14.747	3.767	10.980		10.980	0.439	4,463.644	0.00984	
2008	15.145	3.963	11.182		11.182	0.447	4,552.917	0.00982	
2009	15.576	3.967	11.609		11.609	0.464	4,643.975	0.00999	
2010	16.031	4.138	11.893		11.893	0.476	4,736.855	0.01005	

Column Notes:

- Col. B: See DTE 98-78, Schedule 1, Page 11, Column (8).
Col. C: See DTE 98-78, Schedule 1, Page 12, Column (8) times NERA Base Load Market Forecast.
Col. D: Col. B - Col. C.
Col. E: See DTE 99-65 for revised amounts
Col. F: Col. D - Col. E.
Col. G: Col. F Multiplied by 4%.
Col. H: 2003- 2010, see Page 1, Col. B.
Col. I: Col. G/Col. H Multiplied by 100.

Commonwealth Electric Company
Transition Charge Mitigation Incentive Mechanism - Pilgrim Contract Buyout
\$ in Millions

Year	Original Forecast				Revised Forecast				Transition Charge Mitigation Incentive @ 4%		Impact on Transition Charge (cents/kwh)
	Nuclear Decommissioning Costs	Power Contract Total Obligation	Assumed Market Value	Assumed Excess Over Market	Total Filled Case	Power Contract Total Obligation	Assumed Market Value	Assumed Excess Over Market	Total Mitigation	Estimated GWH Sales	
Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. L	Col. M
2003	\$3,836	\$33,707	\$18,883	\$14,824	\$18,660	\$11,238	\$9,325	\$1,913	\$16,747	4,156,303	0.01612
2004	3,951	33,861	21,842	12,019	15,970	13,718	10,859	2,859	13,111	4,206,192	0.01246
2005	4,069	34,135	20,405	13,730	17,799			0,000	17,799	4,290,316	0.01660
2006	4,191	34,339	23,437	10,902	15,093			0,000	15,093	4,376,122	0.01380
2007	4,317	34,655	21,791	12,864	17,181			0,000	17,181	4,463,644	0.01539
2008	4,447	34,907	25,617	9,290	13,737			0,000	13,737	4,552,917	0.01206
2009	4,580	35,300	22,947	12,353	16,933			0,000	16,933	4,643,975	0.01458
2010	4,717	35,733	26,744	8,989	13,706			0,000	13,706	4,736,855	0.01157
2011	4,859	36,082	24,756	11,326	16,185			0,000	16,185	4,831,592	0.01339
2012	5,005	35,327	28,024	7,303	12,308			0,000	12,308	4,928,224	0.00998

Column Notes:

- Col. B: Restated per new Pilgrim decommissioning forecast in DTE 98-126.
Col. C: See DTE 98-78, Schedule 1, Page 11, Column (1).
Col. D: See DTE 98-78, Schedule 1, Page 12, Column (1) times NERA Base Load Market Forecast.
Col. E: Col. C - Col. D.
Col. F: Col. B + Col. E.
See DTE 98-126 for revised amounts for Cols. G through I.
Col. J: Col. F - Col. I.
Col. K: Col. J Multiplied by 4%.
Col. L: 2003 - 2012, see Page 1, Col. B.
Col. M: Col. K/Col. L Multiplied by 100.

**Commonwealth Electric Company
Transition Charge Mitigation Incentive Mechanism - Seabrook Buydown
\$ in Millions**

Year	Original Forecast			Revised Forecast			Transition Charge Mitigation Incentive @ 4%		Estimated GWH Sales	Impact on Transition Charge (cents/kwh)
	Power Contract Total Obligation	Assumed Market Value	Assumed Excess Over Market	Power Contract Total Obligation	Assumed Market Value	Assumed Excess Over Market	Total Mitigation	Col. I	Col. J	Col. K
Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K
2003	\$25.689	\$8.813	\$16.876	\$12.950	\$8.813	\$4.137	\$12.739	\$0.510	4,156.303	0.01227
2004	24.848	10.091	14.757	12.438	10.091	2.347	12.410	0.496	4,206.192	0.01179
2005	25.333	9.523	15.810	13.267	9.523	3.744	12.066	0.483	4,290.316	0.01126
2006	25.170	9.789	15.381	13.472	9.789	3.683	11.698	0.468	4,376.122	0.01069
2007	24.321	11.249	13.072	12.927	11.249	1.678	11.394	0.456	4,463.644	0.01022
2008	24.889	10.700	14.189	13.862	10.700	3.162	11.027	0.441	4,552.917	0.00969
2009	24.779	10.709	14.070	14.103	10.709	3.394	10.676	0.427	4,643.975	0.00919
2010	23.871	12.355	11.516	13.514	12.355	1.159	10.357	0.414	4,736.855	0.00874
2011	24.569	11.554	13.015	14.559	11.554	3.005	10.010	0.400	4,831.592	0.00828
2012	24.473	11.705	12.768	14.840	11.705	3.135	9.633	0.385	4,928.224	0.00781
2013	23.551	13.184	10.367	14.204	13.184	1.020	9.347	0.374	5,026.788	0.00744
2014	24.355	12.242	12.113	15.381	12.242	3.139	8.974	0.359	5,127.324	0.00700
2015	24.331	12.564	11.767	15.715	12.564	3.151	8.616	0.345	5,229.870	0.00660
2016	23.343	14.310	9.033	15.027	14.310	0.717	8.316	0.333	5,334.467	0.00624
2017	24.310	13.316	10.994	16.347	13.316	3.031	7.963	0.319	5,441.156	0.00586
2018	24.315	13.589	10.726	16.739	13.589	3.150	7.576	0.303	5,549.979	0.00546
2019	23.302	15.336	7.966	15.987	15.336	0.651	7.315	0.293	5,660.979	0.00518
2020	24.414	14.094	10.320	17.489	14.094	3.395	6.925	0.277	5,774.199	0.00480
2021	24.524	14.329	10.195	17.974	14.329	3.645	6.550	0.262	5,889.883	0.00445
2022	23.461	16.126	7.335	17.165	16.126	1.039	6.296	0.252	6,007.477	0.00419
2023	24.818	14.834	9.984	18.916	14.834	4.082	5.902	0.236	6,127.627	0.00385
2024	25.055	15.100	9.955	19.585	15.100	4.485	5.470	0.219	6,250.180	0.00350
2025	23.479	16.998	6.481	18.376	16.998	1.378	5.103	0.204	6,375.184	0.00320
2026	24.106	15.639	8.467	19.474	15.639	3.835	4.632	0.185	6,502.688	0.00284

Column Notes:

- Col. B: See DTE 98-78, Schedule 1, Page 11, Column (2).
- Col. C: See DTE 98-78, Schedule 1, Page 12, Column (2) times NERA Base Load Market Forecast.
- Col. D: Col. B - Col. C.
- See DTE 99-89 for revised amounts for Cols. E through G.
- Col. H: Col. D - Col. G.
- Col. I: Col. H Multiplied by 4%.
- Col. J: 2003 - 2026, see Page 1, Col. B.
- Col. K: Col. I/Col. J Multiplied by 100.

Commonwealth Electric Company
Transition Charge Mitigation Incentive Mechanism - Seabrook Buyout
\$ in Millions

Year	Nuclear Decommissioning Costs	Original Forecast					Power Contract Total Obligation	Transmission in Support of Remote Generation	Revised Forecast		Transition Charge		Impact on Transition Charge (cents/kwh)
		Assumed Market Value	Assumed Excess Over Market	Total Filed Case	Future Power Contract Buyouts	Total Mitigation			Incentive @ 4%	Estimated GWH Sales			
Col. A	Col. B	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L			
2003	\$0.565	\$8.813	\$4.137	\$0.186	\$4.888	\$0.000	\$4.888	\$0.196	4,156.303	0.00472			
2004	0.588	10.091	2.347	0.184	3.119		3.119	0.125	4,206.192	0.00297			
2005	0.614	9.523	3.744	0.182	4.540		4.540	0.182	4,290.316	0.00424			
2006	0.639	9.789	3.683	0.180	4.502		4.502	0.180	4,376.122	0.00411			
2007	0.666	11.249	1.678	0.178	2.522		2.522	0.101	4,463.644	0.00226			
2008	0.695	13.862	3.162	0.175	4.032		4.032	0.161	4,552.917	0.00354			
2009	0.723	14.103	3.394	0.173	4.290		4.290	0.172	4,643.975	0.00370			
2010	0.754	13.514	1.159	0.171	2.084		2.084	0.083	4,736.855	0.00175			
2011	0.785	14.559	3.005	0.169	3.959		3.959	0.158	4,831.592	0.00327			
2012	0.819	11.705	3.135	0.167	4.121		4.121	0.165	4,928.224	0.00335			
2013	0.852	13.184	1.020	0.165	2.037		2.037	0.081	5,026.788	0.00161			
2014	0.888	12.242	3.139	0.163	4.190		4.190	0.168	5,127.324	0.00328			
2015	0.924	15.715	3.151	0.161	4.236		4.236	0.169	5,229.870	0.00323			
2016	(0.014)	12.564	0.717	0.111	0.814		0.814	0.033	5,334.467	0.00062			
2017	(0.013)	13.316	3.031	0.145	3.163		3.163	0.127	5,441.156	0.00233			
2018	(0.013)	13.589	3.150	0.145	3.282		3.282	0.131	5,549.979	0.00236			
2019	(0.011)	15.987	0.651	0.146	0.786		0.786	0.031	5,660.979	0.00055			
2020	(0.011)	17.489	3.395	0.147	3.531		3.531	0.141	5,774.199	0.00244			
2021	(0.010)	14.329	3.645	0.148	3.783		3.783	0.151	5,889.683	0.00256			
2022	(0.009)	17.165	1.039	0.149	1.179		1.179	0.047	6,007.477	0.00078			
2023	(0.007)	18.916	4.082	0.151	4.226		4.226	0.169	6,127.627	0.00276			
2024	(0.007)	15.100	4.485	0.155	4.633		4.633	0.185	6,250.180	0.00296			
2025	(0.006)	16.998	1.378	0.157	1.529		1.529	0.061	6,375.184	0.00096			
2026	(0.004)	15.639	3.835	0.159	3.990		3.990	0.160	6,502.688	0.00246			

Column Notes:

- Col. B: See DTE 01-79, Exhibit COM-BKR-1, Page 6, Columns B & C.
Col. C: See Page 11, Column E.
Col. D: See Page 11, Column F.
Col. E: Col. C - Col. D.
Col. F: See DTE 99-90, Schedule 1, Page 7, Column (2).
Col. G: Col. B + Col. E + Col. F.
Col. H: Estimated Buyout Amount per DTE 02-34.
Col. I: Col. G - Col. H.
Col. J: Col. I Multiplied by 4%.
Col. K: See Page 1, Col. B.
Col. L: Col. J/Col. K Multiplied by 100.

Commonwealth Electric Company
Summary of Transition Charge - Fixed Component
\$ in Millions

Year	Commonwealth Electric Company		Residual Value Credit				Net Fixed Component	
	Pre-Tax Return on Generation Related Assets	Amortization of Generation Related Assets	Pre-Tax Return on Commonwealth Generation Recovery/(Proceeds)	Amortization of Commonwealth Generation Recovery/(Proceeds)	Pre-Tax Return on Canal Related Generation Recovery/(Proceeds)	Amortization of Canal Related Generation Recovery/(Proceeds)		
Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	
2003		\$0.103	\$0.157	\$0.041	\$0.114	\$0.099	\$0.018	\$0.532
2004		0.087	0.157	0.034	0.114	0.084	0.018	0.494
2005		0.071	0.157	0.028	0.114	0.070	0.018	0.458
2006		0.055	0.157	0.022	0.114	0.052	0.018	0.418
2007		0.039	0.157	0.015	0.114	0.039	0.018	0.382
2008		0.023	0.157	0.009	0.114	0.022	0.018	0.343
2009		0.008	0.152	0.003	0.110	0.008	0.024	0.305

Notes:

- Col B See Page 2, Line 20.
- Col C See Page 2, Line 10.
- Col D See Page 3, Line 24.
- Col E See Page 3, Line 14.
- Col F See Pages 4, 6, 7, 8, 9, 10, 11, & 12, Line 20.
- Col G See Pages 4, 6, 7, 8, 9, 10, 11, & 12, Line 10.
- Col H Sum of Columns B through G.

Commonwealth Electric Company
Calculation of Transition Charge (Commonwealth Owned Generation) per Compliance Filing
\$ in Millions

Line		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
1	Book Basis @ 1/1/1999												
2		\$1.722											
3	Tax Basis @ 1/1/1999												
4		<u>0.629</u>											
5	Excess Book vs. Tax												
6	Combined Federal and State Tax Rate												
7	Deferred Taxes on Basis Difference												
8													
9	Beginning Plant Balance	1.722	1.565	1.408	1.251	1.094	0.937	0.780	0.623	0.466	0.309	0.152	
10	Required Amortization	0.157	0.157	0.157	0.157	0.157	0.157	0.157	0.157	0.157	0.157	0.152	1.722
11	Ending Plant Balance	<u>1.565</u>	<u>1.408</u>	<u>1.251</u>	<u>1.094</u>	<u>0.937</u>	<u>0.780</u>	<u>0.623</u>	<u>0.466</u>	<u>0.309</u>	<u>0.152</u>	<u>(0.000)</u>	
12													
13	Beginning Accumulated Deferred Tax Balance	(0.429)	(0.390)	(0.351)	(0.312)	(0.273)	(0.234)	(0.195)	(0.156)	(0.117)	(0.078)	(0.039)	(0.429)
14	Deferred Tax Provision	<u>(0.039)</u>	<u>(0.039)</u>	<u>(0.039)</u>	<u>(0.039)</u>	<u>(0.039)</u>	<u>(0.039)</u>	<u>(0.039)</u>	<u>(0.039)</u>	<u>(0.039)</u>	<u>(0.039)</u>	<u>(0.039)</u>	
15	Ending Accumulated Deferred Tax Balance	<u>(0.390)</u>	<u>(0.351)</u>	<u>(0.312)</u>	<u>(0.273)</u>	<u>(0.234)</u>	<u>(0.195)</u>	<u>(0.156)</u>	<u>(0.117)</u>	<u>(0.078)</u>	<u>(0.039)</u>	<u>(0.000)</u>	
16													
17	Beginning Plant (Net of Deferred Taxes)	1.293	1.175	1.057	0.939	0.821	0.703	0.585	0.467	0.349	0.231	0.113	
18	Ending Plant (Net of Deferred Taxes)	<u>1.175</u>	<u>1.057</u>	<u>0.939</u>	<u>0.821</u>	<u>0.703</u>	<u>0.585</u>	<u>0.467</u>	<u>0.349</u>	<u>0.231</u>	<u>0.113</u>	<u>(0.000)</u>	
19	Average Plant	<u>1.234</u>	<u>1.116</u>	<u>0.998</u>	<u>0.880</u>	<u>0.762</u>	<u>0.644</u>	<u>0.526</u>	<u>0.408</u>	<u>0.290</u>	<u>0.172</u>	<u>0.056</u>	
20	Return @ BTWACC (COM 12/31/1995)	0.166	0.151	0.135	0.119	0.103	0.087	0.071	0.055	0.039	0.023	0.008	
21				13.49%									
22													
23													
24	NPV												
25	@ ATWACC												
26	Per Compliance Filing:												
27	Return of Investment	0.157	0.157	0.157	0.157	0.157	0.157	0.157	0.157	0.157	0.157	0.152	
28	Return on Investment	<u>0.166</u>	<u>0.151</u>	<u>0.135</u>	<u>0.119</u>	<u>0.103</u>	<u>0.087</u>	<u>0.071</u>	<u>0.055</u>	<u>0.039</u>	<u>0.023</u>	<u>0.008</u>	
	Total Investment	<u>0.323</u>	<u>0.308</u>	<u>0.292</u>	<u>0.276</u>	<u>0.260</u>	<u>0.244</u>	<u>0.228</u>	<u>0.212</u>	<u>0.196</u>	<u>0.180</u>	<u>0.160</u>	

Commonwealth Electric Company
Calculation of Residual Value Credit - Sale of Commonwealth Owned Generation
\$ in Millions

Line		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
1	Gross Proceeds (Net of Transaction Costs)												
2	Capital Investment Depreciation Revision	(\$1.057)											
3	Lost Revenues Revision	(0.013)											
4	Depreciation Revision	(0.194)											
5	Gross Proceeds (Revised)	0.014											
6		(\$1.250)											
7	Tax Basis @ 1/1/1999	0.629											
8													
9	Excess Proceeds vs. Tax	(1.879)											
10	Combined Federal and State Tax Rate	39.225%											
11	Deferred Taxes on Difference	(0.737)											
12													
13	Beginning Plant Balance	(1.250)	(1.136)	(1.022)	(0.908)	(0.794)	(0.680)	(0.566)	(0.452)	(0.338)	(0.224)	(0.110)	
14	Required Amortization	(0.114)	(0.114)	(0.114)	(0.114)	(0.114)	(0.114)	(0.114)	(0.114)	(0.114)	(0.114)	(0.110)	(1.250)
15	Ending Plant Balance	(1.136)	(1.022)	(0.908)	(0.794)	(0.680)	(0.566)	(0.452)	(0.338)	(0.224)	(0.110)	0.000	
16													
17	Beginning Accumulated Deferred Tax Balance	0.737	0.670	0.603	0.536	0.469	0.402	0.335	0.268	0.201	0.134	0.067	
18	Deferred Tax Provision	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.737
19	Ending Accumulated Deferred Tax Balance	0.670	0.603	0.536	0.469	0.402	0.335	0.268	0.201	0.134	0.067	(0.000)	
20													
21	Beginning Plant (Net of Deferred Taxes)	(0.513)	(0.466)	(0.419)	(0.372)	(0.325)	(0.278)	(0.231)	(0.184)	(0.137)	(0.090)	(0.043)	
22	Ending Plant (Net of Deferred Taxes)	(0.466)	(0.419)	(0.372)	(0.325)	(0.278)	(0.231)	(0.184)	(0.137)	(0.090)	(0.043)	(0.000)	
23	Average Plant	(0.490)	(0.443)	(0.396)	(0.349)	(0.302)	(0.255)	(0.208)	(0.161)	(0.114)	(0.066)	(0.021)	
24	Return @ BTWACC (COM 12/31/1995)	(0.066)	(0.060)	(0.053)	(0.047)	(0.041)	(0.034)	(0.028)	(0.022)	(0.015)	(0.009)	(0.003)	
25													
26													
27													
28	NPV												
29	@ ATWACC												
30													
31	Sale @ 1/1/1999												
32	Return of Investment	(0.114)	(0.114)	(0.114)	(0.114)	(0.114)	(0.114)	(0.114)	(0.114)	(0.114)	(0.114)	(0.110)	
33	Return on Investment	(0.066)	(0.060)	(0.053)	(0.047)	(0.041)	(0.034)	(0.028)	(0.022)	(0.015)	(0.009)	(0.003)	
	Total Investment	(0.180)	(0.174)	(0.167)	(0.161)	(0.155)	(0.148)	(0.142)	(0.136)	(0.129)	(0.123)	(0.113)	

13.49%

NPV
@ ATWACC

8.20%
(\$1.082)

Commonwealth Electric Company
Calculation of Residual Value Credit - Sale of Canal Owned Generation - Excess Net Book Value
\$ in Millions

Line		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
1	Gross Proceeds (Net of Transaction Costs)												
2				\$303.543									
3	Tax Basis @ 1/1/1999												
4				0.000									
5	Excess Proceeds vs. Tax			303.543									
6	Combined Federal and State Tax Rate			39.225%									
7	Deferred Taxes on Difference			119.065									
8													
9	Beginning Plant Balance	303.543	275.948	248.353	220.758	193.163	165.568	137.973	110.378	82.783	55.188	27.593	
10	Required Amortization	27.595	27.595	27.595	27.595	27.595	27.595	27.595	27.595	27.595	27.595	27.593	303.543
11	Ending Plant Balance	275.948	248.353	220.758	193.163	165.568	137.973	110.378	82.783	55.188	27.593	(0.000)	
12													
13	Beginning Accumulated Deferred Tax Balance	(119.065)	(108.241)	(97.417)	(86.593)	(75.769)	(64.945)	(54.121)	(43.297)	(32.473)	(21.649)	(10.825)	
14	Deferred Tax Provision	(10.824)	(10.824)	(10.824)	(10.824)	(10.824)	(10.824)	(10.824)	(10.824)	(10.824)	(10.824)	(10.825)	(119.065)
15	Ending Accumulated Deferred Tax Balance	(108.241)	(97.417)	(86.593)	(75.769)	(64.945)	(54.121)	(43.297)	(32.473)	(21.649)	(10.825)	(0.000)	
16													
17	Beginning Plant (Net of Deferred Taxes)	184.478	167.707	150.936	134.165	117.394	100.823	83.852	67.081	50.310	33.539	16.768	
18	Ending Plant (Net of Deferred Taxes)	167.707	150.936	134.165	117.394	100.623	83.852	67.081	50.310	33.539	16.768	(0.000)	
19	Average Plant	176.093	159.322	142.551	125.780	109.009	92.338	75.467	58.696	41.925	25.154	8.384	
20	Return @ BTWACC	8.259	7.472	6.686	5.899	5.112	4.326	3.539	2.753	1.966	1.180	0.393	
21													
22													
23													
24	Sale @ 1/1/1999												
25													
26	Return of Investment	27.595	27.595	27.595	27.595	27.595	27.595	27.595	27.595	27.595	27.595	27.593	
27	Return on Investment	8.259	7.472	6.686	5.899	5.112	4.326	3.539	2.753	1.966	1.180	0.393	
28													
29	Total Investment	35.854	35.067	34.281	33.494	32.707	31.921	31.134	30.348	29.561	28.775	27.986	

NPV
@ ATWACC

Commonwealth Electric Company
Calculation of Residual Value Debit - Pilgrim Buyout
\$ in Millions

Line		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
1	7/1/1999 Initial Filing Balance	(\$6.449)	(\$13.172)	(\$12.876)	(\$12.581)	(\$12.285)	(\$11.990)	(\$11.695)	(\$11.399)	(\$11.104)	(\$10.808)	(\$10.514)	(\$124.873)
2	7/1/1999 Filing Adjustment	0.216	0.440	0.430	0.420	0.410	0.400	0.390	0.381	0.371	0.361	0.351	4.170
3	1/1/2000 Divestiture Revision		0.194	0.190	0.186	0.181	0.177	0.173	0.168	0.164	0.159	0.154	1.746
4	2/1/2000 ROE Adjustment		0.239	0.258	0.252	0.246	0.240	0.234	0.229	0.223	0.217	0.207	2.345
5													
6	Total Residual Value Debit	(\$6.233)	(\$12.299)	(\$11.998)	(\$11.723)	(\$11.448)	(\$11.173)	(\$10.898)	(\$10.621)	(\$10.346)	(\$10.071)	(\$9.802)	(\$116.612)

Commonwealth Electric Company
Calculation of Residual Value Debit - Pilgrim Buyout (Initial Filing)
\$ in Millions

Line		07/01/1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
1	Gross Proceeds (Net of Transaction Costs)												
2		(\$108,587)											
3	Tax Basis @ 7/1/1999												
4			0.000										
5	Excess Proceeds vs. Tax												
6	Combined Federal and State Tax Rate												
7	Deferred Taxes on Difference												
8													
9	Beginning Plant Balance	(108,587)	(103,651)	(93,286)	(82,921)	(72,556)	(62,191)	(51,826)	(41,461)	(31,096)	(20,731)	(10,366)	
10	Required Amortization	(4,936)	(10,365)	(10,365)	(10,365)	(10,365)	(10,365)	(10,365)	(10,365)	(10,365)	(10,365)	(10,366)	(108,587)
11	Ending Plant Balance	(103,651)	(93,286)	(82,921)	(72,556)	(62,191)	(51,826)	(41,461)	(31,096)	(20,731)	(10,366)	(0,000)	
12													
13	Beginning Accumulated Deferred Tax Balance	42,593	40,657	36,591	32,525	28,459	24,393	20,327	16,261	12,195	8,129	4,063	
14	Deferred Tax Provision	1,936	4,066	4,066	4,066	4,066	4,066	4,066	4,066	4,066	4,066	4,063	42,593
15	Ending Accumulated Deferred Tax Balance	40,657	36,591	32,525	28,459	24,393	20,327	16,261	12,195	8,129	4,063	0,000	
16													
17	Beginning Plant (Net of Deferred Taxes)	(65,994)	(62,994)	(56,695)	(50,396)	(44,097)	(37,798)	(31,499)	(25,200)	(18,901)	(12,602)	(6,303)	
18	Ending Plant (Net of Deferred Taxes)	(62,994)	(56,695)	(50,396)	(44,097)	(37,798)	(31,499)	(25,200)	(18,901)	(12,602)	(6,303)	0,000	
19	Average Plant	(64,494)	(59,845)	(53,546)	(47,247)	(40,948)	(34,649)	(28,350)	(22,051)	(15,752)	(9,453)	(3,152)	
20	Return @ BTWACC	(1,513)	(2,807)	(2,511)	(2,216)	(1,920)	(1,625)	(1,330)	(1,034)	(0,739)	(0,443)	(0,148)	
21													
22													
23													
24	Transfer @ 7/1/1999												
25													
26	Return of Investment	(4,936)	(10,365)	(10,365)	(10,365)	(10,365)	(10,365)	(10,365)	(10,365)	(10,365)	(10,365)	(10,366)	
27	Return on Investment	(1,513)	(2,807)	(2,511)	(2,216)	(1,920)	(1,625)	(1,330)	(1,034)	(0,739)	(0,443)	(0,148)	
28													
29	Total Investment	(6,449)	(13,172)	(12,876)	(12,581)	(12,285)	(11,990)	(11,695)	(11,399)	(11,104)	(10,808)	(10,514)	

NPV
@ ATWACC

Commonwealth Electric Company
Calculation of Residual Value Debit - Pilgrim Buyout (Filing Adjustment)
\$ in Millions

Line		07/01/1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
1	Gross Proceeds (Net of Transaction Costs)												
2		\$3,625											
3	Tax Basis @ 7/1/1999												
4		0.000											
5	Excess Proceeds vs. Tax												
6	Combined Federal and State Tax Rate												
7	Deferred Taxes on Difference												
8													
9	Beginning Plant Balance	3,625	3,460	3,114	2,768	2,422	2,076	1,730	1,384	1,038	0.692	0.346	
10	Required Amortization	0.165	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	3,625
11	Ending Plant Balance	3,460	3,114	2,768	2,422	2,076	1,730	1,384	1,038	0.692	0.346	(0.000)	
12													
13	Beginning Accumulated Deferred Tax Balance	(1,422)	(1,357)	(1,221)	(1,085)	(0.949)	(0.813)	(0.677)	(0.541)	(0.405)	(0.269)	(0.133)	
14	Deferred Tax Provision	(0.065)	(0.136)	(0.136)	(0.136)	(0.136)	(0.136)	(0.136)	(0.136)	(0.136)	(0.136)	(0.133)	(1,422)
15	Ending Accumulated Deferred Tax Balance	(1,357)	(1,221)	(1,085)	(0.949)	(0.813)	(0.677)	(0.541)	(0.405)	(0.269)	(0.133)	(0.000)	
16													
17	Beginning Plant (Net of Deferred Taxes)	2,203	2,103	1,893	1,683	1,473	1,263	1,053	0.843	0.633	0.423	0.213	
18	Ending Plant (Net of Deferred Taxes)	2,103	1,893	1,683	1,473	1,263	1,053	0.843	0.633	0.423	0.213	(0.000)	
19	Average Plant	2,153	1,998	1,788	1,578	1,368	1,158	0.948	0.738	0.528	0.318	0.107	
20	Return @ BTWACC	0.051	0.094	0.084	0.074	0.064	0.054	0.044	0.035	0.025	0.015	0.005	
21													
22													
23													
24	Transfer @ 7/1/1999												
25													
26	Return of Investment	0.165	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	
27	Return on Investment	0.051	0.094	0.084	0.074	0.064	0.054	0.044	0.035	0.025	0.015	0.005	
28													
29	Total Investment	0.216	0.440	0.430	0.420	0.410	0.400	0.390	0.381	0.371	0.361	0.351	

4.69%

NPV
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Commonwealth Electric Company
Calculation of Residual Value Debit - Pilgrim Buyout (Divestiture Revision)
\$ in Millions

Line		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
1	Gross Proceeds (Net of Transaction Costs)		\$1.529										
2													
3	Tax Basis @ 1/1/2000		0.000										
4													
5	Excess Proceeds vs. Tax		1.529										
6	Combined Federal and State Tax Rate		39.225%										
7	Deferred Taxes on Difference		0.600										
8													
9	Beginning Plant Balance	0.000	1.529	1.376	1.223	1.070	0.917	0.764	0.611	0.458	0.305	0.152	
10	Required Amortization	0.000	0.153	0.153	0.153	0.153	0.153	0.153	0.153	0.153	0.153	0.152	1.529
11	Ending Plant Balance	0.000	1.376	1.223	1.070	0.917	0.764	0.611	0.458	0.305	0.152	(0.000)	
12													
13	Beginning Accumulated Deferred Tax Balance	0.000	(0.600)	(0.540)	(0.480)	(0.420)	(0.360)	(0.300)	(0.240)	(0.180)	(0.120)	(0.060)	(0.600)
14	Deferred Tax Provision	0.000	(0.060)	(0.060)	(0.060)	(0.060)	(0.060)	(0.060)	(0.060)	(0.060)	(0.060)	(0.060)	(0.600)
15	Ending Accumulated Deferred Tax Balance	0.000	(0.540)	(0.480)	(0.420)	(0.360)	(0.300)	(0.240)	(0.180)	(0.120)	(0.060)	(0.000)	
16													
17	Beginning Plant (Net of Deferred Taxes)	0.000	0.929	0.836	0.743	0.650	0.557	0.464	0.371	0.278	0.185	0.092	
18	Ending Plant (Net of Deferred Taxes)	0.000	0.836	0.743	0.650	0.557	0.464	0.371	0.278	0.185	0.092	(0.000)	
19	Average Plant	0.000	0.883	0.790	0.697	0.604	0.511	0.418	0.325	0.232	0.139	0.046	
20	Return @ BTWACC	0.000	0.041	0.037	0.033	0.028	0.024	0.020	0.015	0.011	0.006	0.002	
21													
22													
23													
24	Transfer @ 1/1/2000												
25													
26	Return of Investment	0.000	0.153	0.153	0.153	0.153	0.153	0.153	0.153	0.153	0.153	0.152	
27	Return on Investment	0.000	0.041	0.037	0.033	0.028	0.024	0.020	0.015	0.011	0.006	0.002	
28													
29	Total Investment	0.000	0.194	0.190	0.186	0.181	0.177	0.173	0.168	0.164	0.159	0.154	

Commonwealth Electric Company
Calculation of Residual Value Debit - Pilgrim Buyout (ROE Adjustment)
\$ in Millions

Line		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
1	Gross Proceeds (Net of Transaction Costs)		\$2.056										
2													
3	Tax Basis @ 2/1/2000		0.000										
4													
5	Excess Proceeds vs. Tax		2.056										
6	Combined Federal and State Tax Rate		39.225%										
7	Deferred Taxes on Difference		0.806										
8													
9	Beginning Plant Balance	0.000	2.056	1.868	1.660	1.452	1.244	1.036	0.828	0.620	0.412	0.204	
10	Required Amortization	0.000	0.188	0.208	0.208	0.208	0.208	0.208	0.208	0.208	0.208	0.204	2.056
11	Ending Plant Balance	0.000	1.868	1.660	1.452	1.244	1.036	0.828	0.620	0.412	0.204	0.000	
12													
13	Beginning Accumulated Deferred Tax Balance	0.000	(0.806)	(0.732)	(0.651)	(0.570)	(0.489)	(0.408)	(0.327)	(0.246)	(0.165)	(0.084)	
14	Deferred Tax Provision	0.000	(0.074)	(0.081)	(0.081)	(0.081)	(0.081)	(0.081)	(0.081)	(0.081)	(0.081)	(0.084)	(0.806)
15	Ending Accumulated Deferred Tax Balance	0.000	(0.732)	(0.651)	(0.570)	(0.489)	(0.408)	(0.327)	(0.246)	(0.165)	(0.084)	(0.000)	
16													
17	Beginning Plant (Net of Deferred Taxes)	0.000	1.250	1.136	1.009	0.882	0.755	0.628	0.501	0.374	0.247	0.120	
18	Ending Plant (Net of Deferred Taxes)	0.000	1.136	1.009	0.882	0.755	0.628	0.501	0.374	0.247	0.120	0.000	
19	Average Plant	0.000	1.193	1.073	0.946	0.819	0.692	0.565	0.438	0.311	0.184	0.060	
20	Return @ BTWACC	0.000	0.051	0.050	0.044	0.038	0.032	0.026	0.021	0.015	0.009	0.003	
21													
22													
23													
24	Transfer @ 2/1/2000												
25													
26	Return on Investment	0.000	0.188	0.208	0.208	0.208	0.208	0.208	0.208	0.208	0.208	0.204	
27	Return on Investment	0.000	0.051	0.050	0.044	0.038	0.032	0.026	0.021	0.015	0.009	0.003	
28													
29	Total Investment	0.000	0.239	0.258	0.252	0.246	0.240	0.234	0.229	0.223	0.217	0.207	

NPV
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Commonwealth Electric Company
Calculation of Residual Value Debit - PREA Buyout
\$ in Millions

Line		02/01/1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
1	Gross Proceeds (Net of Transaction Costs)												
2													
3	Tax Basis @ 2/1/1999												
4													
5	Excess Proceeds vs. Tax												
6	Combined Federal and State Tax Rate												
7	Deferred Taxes on Difference												
8													
9	Beginning Plant Balance	(2.285)	(2.095)	(1.885)	(1.675)	(1.465)	(1.255)	(1.045)	(0.835)	(0.625)	(0.415)	(0.205)	
10	Required Amortization	(0.190)	(0.210)	(0.210)	(0.210)	(0.210)	(0.210)	(0.210)	(0.210)	(0.210)	(0.210)	(0.205)	(2.285)
11	Ending Plant Balance	(2.095)	(1.885)	(1.675)	(1.465)	(1.255)	(1.045)	(0.835)	(0.625)	(0.415)	(0.205)	(0.000)	
12													
13	Beginning Accumulated Deferred Tax Balance	0.896	0.855	0.769	0.683	0.597	0.511	0.425	0.339	0.253	0.167	0.081	
14	Deferred Tax Provision	0.041	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.081	0.896
15	Ending Accumulated Deferred Tax Balance	0.855	0.769	0.683	0.597	0.511	0.425	0.339	0.253	0.167	0.081	0.000	
16													
17	Beginning Plant (Net of Deferred Taxes)	(1.389)	(1.240)	(1.116)	(0.992)	(0.868)	(0.744)	(0.620)	(0.496)	(0.372)	(0.248)	(0.124)	
18	Ending Plant (Net of Deferred Taxes)	(1.240)	(1.116)	(0.992)	(0.868)	(0.744)	(0.620)	(0.496)	(0.372)	(0.248)	(0.124)	(0.000)	
19	Average Plant	(1.315)	(1.178)	(1.054)	(0.930)	(0.806)	(0.682)	(0.558)	(0.434)	(0.310)	(0.186)	(0.062)	
20	Return @ BTWACC	(0.057)	(0.055)	(0.049)	(0.044)	(0.038)	(0.032)	(0.026)	(0.020)	(0.015)	(0.009)	(0.003)	
21													
22													
23													
24	Transfer @ 2/1/1999												
25													
26	Return of Investment	(0.190)	(0.210)	(0.210)	(0.210)	(0.210)	(0.210)	(0.210)	(0.210)	(0.210)	(0.210)	(0.205)	
27	Return on Investment	(0.057)	(0.055)	(0.049)	(0.044)	(0.038)	(0.032)	(0.026)	(0.020)	(0.015)	(0.009)	(0.003)	
28													
29	Total Investment	(0.247)	(0.265)	(0.259)	(0.254)	(0.248)	(0.242)	(0.236)	(0.230)	(0.225)	(0.219)	(0.208)	

4.69%

NPV
@ ATWACC

Commonwealth Electric Company
Calculation of Residual Value Debit - Seabrook Buydown
\$ in Millions

Line		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
1	Gross Proceeds (Net of Transaction Costs)												
2													
3	Tax Basis @ 11/1/2000												
4													
5	Excess Proceeds vs. Tax												
6	Combined Federal and State Tax Rate												
7	Deferred Taxes on Difference												
8													
9	Beginning Plant Balance	0.000	(113.365)	(111.475)	(99.089)	(86.703)	(74.317)	(61.931)	(49.545)	(37.159)	(24.773)	(12.387)	(113.365)
10	Required Amortization	0.000	(1.890)	(12.386)	(12.386)	(12.386)	(12.386)	(12.386)	(12.386)	(12.386)	(12.386)	(12.387)	
11	Ending Plant Balance	0.000	(111.475)	(99.089)	(86.703)	(74.317)	(61.931)	(49.545)	(37.159)	(24.773)	(12.387)	(0.000)	
12													
13	Beginning Accumulated Deferred Tax Balance	0.000	44.467	43.726	38.868	34.010	29.152	24.294	19.436	14.578	9.720	4.862	44.467
14	Deferred Tax Provision	0.000	0.741	4.858	4.858	4.858	4.858	4.858	4.858	4.858	4.858	4.862	
15	Ending Accumulated Deferred Tax Balance	0.000	43.726	38.868	34.010	29.152	24.294	19.436	14.578	9.720	4.862	0.000	
16													
17	Beginning Plant (Net of Deferred Taxes)	0.000	(68.898)	(67.749)	(60.221)	(52.693)	(45.165)	(37.637)	(30.109)	(22.581)	(15.053)	(7.525)	
18	Ending Plant (Net of Deferred Taxes)	0.000	(67.749)	(60.221)	(52.693)	(45.165)	(37.637)	(30.109)	(22.581)	(15.053)	(7.525)	(0.000)	
19	Average Plant	0.000	(68.324)	(63.985)	(56.457)	(48.929)	(41.401)	(33.873)	(26.345)	(18.817)	(11.289)	(3.763)	
20	Return @ BTWACC	0.000	(0.534)	(3.001)	(2.648)	(2.295)	(1.942)	(1.589)	(1.236)	(0.883)	(0.529)	(0.176)	
21													
22													
23													
24	Transfer @ 11/1/2000												
25													
26	Return on Investment	0.000	(1.890)	(12.386)	(12.386)	(12.386)	(12.386)	(12.386)	(12.386)	(12.386)	(12.386)	(12.387)	
27	Return on Investment	0.000	(0.534)	(3.001)	(2.648)	(2.295)	(1.942)	(1.589)	(1.236)	(0.883)	(0.529)	(0.176)	
28													
29	Total Investment	0.000	(2.424)	(15.387)	(15.034)	(14.681)	(14.328)	(13.975)	(13.622)	(13.269)	(12.915)	(12.563)	

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Commonwealth Electric Company
Calculation of Residual Value Debit - Transfer of Regulatory Assets
\$ in Millions

Line		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Total
1	Gross Proceeds (Net of Transaction Costs)												
2		(\$56,144)											
3	Tax Basis @ 7/1/1999												
4		<u>(8,365)</u>											
5	Excess Proceeds vs. Tax												
6	Combined Federal and State Tax Rate												
7	Deferred Taxes on Difference												
8													
9	Beginning Plant Balance	(56,144)	(53,592)	(48,233)	(42,874)	(37,515)	(32,156)	(26,797)	(21,438)	(16,079)	(10,720)	(5,361)	(56,144)
10	Required Amortization	(2,552)	(5,359)	(5,359)	(5,359)	(5,359)	(5,359)	(5,359)	(5,359)	(5,359)	(5,359)	(5,361)	
11	Ending Plant Balance	(53,592)	(48,233)	(42,874)	(37,515)	(32,156)	(26,797)	(21,438)	(16,079)	(10,720)	(5,361)	0.000	
12													
13	Beginning Accumulated Deferred Tax Balance	18,741	17,889	16,100	14,311	12,522	10,733	8,944	7,155	5,366	3,577	1,788	18,741
14	Deferred Tax Provision	0,852	1,789	1,789	1,789	1,789	1,789	1,789	1,789	1,789	1,789	1,788	
15	Ending Accumulated Deferred Tax Balance	17,889	16,100	14,311	12,522	10,733	8,944	7,155	5,366	3,577	1,788	(0.000)	
16													
17	Beginning Plant (Net of Deferred Taxes)	(37,403)	(35,703)	(32,133)	(28,563)	(24,993)	(21,423)	(17,853)	(14,283)	(10,713)	(7,143)	(3,573)	
18	Ending Plant (Net of Deferred Taxes)	(35,703)	(32,133)	(28,563)	(24,993)	(21,423)	(17,853)	(14,283)	(10,713)	(7,143)	(3,573)	0.000	
19	Average Plant	(36,553)	(33,918)	(30,348)	(26,778)	(23,208)	(19,638)	(16,068)	(12,498)	(8,928)	(5,358)	(1,786)	
20	Return @ BTWACC	(0,857)	(1,591)	(1,423)	(1,256)	(1,088)	(0,921)	(0,754)	(0,586)	(0,419)	(0,251)	(0,084)	
21													
22													
23													
24	Transfer @ 7/1/1999												
25													
26	Return of Investment	(2,552)	(5,359)	(5,359)	(5,359)	(5,359)	(5,359)	(5,359)	(5,359)	(5,359)	(5,359)	(5,361)	
27	Return on Investment	(0,857)	(1,591)	(1,423)	(1,256)	(1,088)	(0,921)	(0,754)	(0,586)	(0,419)	(0,251)	(0,084)	
28													
29	Total Investment	(3,409)	(6,950)	(6,782)	(6,615)	(6,447)	(6,280)	(6,113)	(5,945)	(5,778)	(5,610)	(5,445)	

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Commonwealth Electric Company
2004 Retail Transmission Rate Forecast
\$ in Millions

<u>Line</u>	<u>Description</u>	<u>Total</u>
1	Monthly Transmission Revenue Requirement (OATT)	\$ 18.080
2	RNS Revenues Received from NEPOOL	<u>(11.496)</u>
3	Local Network Service (LNS) Revenue Requirement	\$ 6.584
4	Support Revenues and P-T-P Revenues Received	<u>(0.590)</u>
5	Adjusted LNS Revenue Requirement	\$ 5.994
6	Retail Load Ratio	99.99%
7	Retail LNS Revenue Requirement	\$ 5.993
8	Retail OATT Sch. 1 SCADA Revenue Requirement	0.107
9	Less: OATT Sch. 1 SCADA Revenues Received	-
10	Retail RNS Cost	12.000
11	Retail Schedule & Dispatch Cost	0.816
12	Retail Congestion Management Cost	4.500
13	System Restoration & Planning Cost	0.219
14	VAR Support Cost	-
15	Estimated 2004 Retail Transmission Cost	<u>\$ 23.635</u>
16	2003 Retail Net Transmission (Over)/Under Collection (Page 2, Line 24)	<u>\$ 5.112</u>
17	Retail Transmission to be Collected	\$ 28.747
18	Forecasted 2004 GWH	<u>4,206.192</u>
19	2004 Retail Transmission Rate	<u>\$ 0.00683</u>

Commonwealth Electric Company
2003 Retail Transmission Cost
\$ in Millions

Line	Description	A/C	Dec-02	Actual Jan-03	Actual Feb-03	Actual Mar-03	Actual Apr-03	Actual May-03	Actual Jun-03	Actual Jul-03	Actual Aug-03	Actual Sep-03	Actual Oct-03	Forecast Nov-03	Forecast Dec-03	Total
1	Monthly Transmission Revenue Requirement (OATT)		\$ 1,417	\$ 1,417	\$ 1,417	\$ 1,417	\$ 1,417	\$ 1,417	\$ 1,417	\$ 1,417	\$ 1,417	\$ 1,417	\$ 1,417	\$ 1,417	\$ 1,416	\$ 17,001
2	RNS Revenues Received from NEPOOL		(1,087)	(1,087)	(1,087)	(1,087)	(1,087)	(1,087)	(1,087)	(1,087)	(1,087)	(1,087)	(1,087)	(1,087)	(1,087)	(10,533)
3	Local Network Service (LNS) Revenue Requirement		\$ 0,330	\$ 0,804	\$ 0,804	\$ 0,501	\$ 0,556	\$ 0,547	\$ 0,669	\$ 0,707	\$ 0,461	\$ 0,474	\$ 0,474	\$ 0,473	\$ 0,472	\$ 6,468
4	Support Revenues and P-T-P Revenues Received		\$ 0,057	(0,061)	(0,060)	(0,060)	(0,060)	(0,060)	(0,060)	(0,060)	(0,214)	(0,082)	(0,075)	(0,055)	(0,055)	(0,787)
5	Adjusted LNS Revenue Requirement		\$ 0,387	\$ 0,743	\$ 0,743	\$ 0,441	\$ 0,496	\$ 0,487	\$ 0,609	\$ 0,647	\$ 0,247	\$ 0,392	\$ 0,399	\$ 0,417	\$ 0,416	\$ 5,681
6	Retail Load Ratio		99.99%	99.99%	99.99%	99.99%	99.99%	99.99%	99.99%	99.99%	99.99%	99.99%	99.99%	99.99%	99.99%	
7	Retail LNS Revenue Requirement		\$ 0,387	\$ 0,743	\$ 0,743	\$ 0,441	\$ 0,496	\$ 0,487	\$ 0,609	\$ 0,647	\$ 0,247	\$ 0,392	\$ 0,399	\$ 0,417	\$ 0,416	\$ 5,681
8	Retail OATT Sch. 1 SCADA Revenues Requirement		0,008	0,009	0,009	0,009	0,009	0,011	0,012	0,010	0,009	0,006	0,008	0,008	0,008	0,107
9	Less: OATT Sch. 1 SCADA Revenues Received		-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Retail RNS Cost	565590	0,867	0,939	0,973	0,909	0,924	0,924	0,881	0,753	1,059	1,203	1,202	0,900	0,900	11,510
11	Retail Schedule & Dispatch Cost	561140	0,081	0,142	0,120	0,106	0,101	0,101	0,080	0,092	0,103	0,026	0,110	0,045	0,045	1,051
12	Retail Congestion Management Cost	565210	(0,133)	0,450	0,541	0,405	(0,033)	(0,033)	0,012	0,012	0,920	0,001	0,036	0,375	0,375	2,961
13	System Restoration & Planning Cost	555060	0,010	0,010	-	0,037	0,019	0,019	0,035	0,018	0,017	0,019	0,019	0,009	0,009	0,202
14	VAR Support Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Total Retail Cost		\$ 1,220	\$ 2,293	\$ 2,084	\$ 1,962	\$ 1,509	\$ 1,629	\$ 1,629	\$ 1,532	\$ 2,355	\$ 1,647	\$ 1,774	\$ 1,754	\$ 1,753	\$ 21,512
16	Transmission Revenues Detail															
17	Residential	440140	\$ 0,992	\$ 0,968	\$ 0,928	\$ 0,764	\$ 0,728	\$ 0,728	\$ 0,770	\$ 1,045	\$ 1,162	\$ 1,080	\$ 0,816	\$ 0,751	\$ 0,814	\$ 10,818
18	Commercial	442380	0,659	0,684	0,709	0,649	0,660	0,707	0,707	0,833	0,883	0,878	0,754	0,711	0,712	8,839
19	Industrial	442400	0,152	0,149	0,119	0,135	0,184	0,184	0,168	0,188	0,113	0,220	0,151	0,170	0,149	1,898
20	Street Lighting	444050	0,006	0,006	0,006	0,006	0,006	0,006	0,006	0,006	0,006	0,006	0,005	0,008	0,009	0,076
21	Transmission Revenues		\$ 1,809	\$ 1,807	\$ 1,762	\$ 1,554	\$ 1,578	\$ 1,578	\$ 1,651	\$ 2,072	\$ 2,164	\$ 2,184	\$ 1,726	\$ 1,640	\$ 1,684	\$ 21,631
22	Retail Transmission Deferral (Over)/Under Collection		\$ (0,589)	\$ 0,486	\$ 0,322	\$ 0,408	\$ (0,069)	\$ (0,069)	\$ (0,022)	\$ (0,540)	\$ 0,191	\$ (0,537)	\$ 0,048	\$ 0,114	\$ 0,069	\$ (0,119)
23	Interest on Transmission Deferral Balance [Note]		0,011	0,010	0,011	0,012	0,013	0,013	0,013	0,012	0,012	0,011	0,011	0,011	0,011	0,138
24	Transmission Deferral (Over)/Under Ending Balance		\$ 5,093	\$ 4,515	\$ 5,011	\$ 5,344	\$ 5,764	\$ 5,708	\$ 5,699	\$ 5,171	\$ 5,374	\$ 4,848	\$ 4,907	\$ 5,032	\$ 5,112	

Note

Interest = [Prior Month Line 24 + (Current Month Line 22 * 0.5)] * Annual Interest Rate / 12 months
Annual Interest Rate 2.64%

Commonwealth Electric Company
Monthly Standard Offer Deferral
\$ in Millions

Line	Description	Dec-02	Actual Jan-03	Actual Feb-03	Actual Mar-03	Actual Apr-03	Actual May-03	Actual Jun-03	Actual Jul-03	Actual Aug-03	Actual Sep-03	Actual Oct-03	Estimate Nov-03	Estimate Dec-03	Total
1	Standard Offer Revenues [page 5, line 6]		\$ (10,798)	\$ (10,755)	\$ (10,514)	\$ (8,992)	\$ (9,316)	\$ (10,362)	\$ (13,011)	\$ (14,659)	\$ (14,634)	\$ (11,669)	\$ (11,076)	\$ (11,250)	\$ (137,036)
2	Standard Offer Expense [line 9]		9,412	10,609	11,698	11,076	9,004	13,905	15,424	14,792	12,065	10,177	9,273	9,548	136,983
3	Standard Offer Deferral (Over) / Under Recovery		(1,386)	(0,146)	1,184	2,084	(0,312)	3,543	2,413	0,133	(2,569)	(1,492)	(1,803)	(1,702)	(0,053)
4	Interest on SO Deferral Balance [Note]		(0,002)	(0,003)	(0,002)	0,002	0,003	0,007	0,014	0,016	0,014	0,009	0,006	0,002	0,066
5	SO Deferral (Over) / Under Ending Balance	\$ 0.002	\$ (1,386)	\$ (1,535)	\$ (0,353)	\$ 1,733	\$ 1,424	\$ 4,974	\$ 7,401	\$ 7,550	\$ 4,995	\$ 3,512	\$ 1,715	\$ 0,015	
6	Standard Offer Expense Detail														
7	NUG Purchases [page 2, line 20]		\$ 9,431	\$ 7,907	\$ 8,622	\$ 7,292	\$ 6,864	\$ 6,608	\$ 7,044	\$ 6,624	\$ 6,182	\$ 7,748	\$ 7,686	\$ 8,273	\$ 90,281
8	Short Term Market Transactions [page 4, line 6]		(0,019)	2,702	3,076	3,784	2,140	7,297	8,380	8,168	5,883	2,429	1,587	1,275	46,702
9	Standard Offer Expense [line 7 + line 8]		\$ 9,412	\$ 10,609	\$ 11,698	\$ 11,076	\$ 9,004	\$ 13,905	\$ 15,424	\$ 14,792	\$ 12,065	\$ 10,177	\$ 9,273	\$ 9,548	\$ 136,983

Note

Interest = [Prior Month Line 5 + (Current Month Line 3 * 0.5)] * Annual Interest Rate / 12 months
Annual Interest Rate

2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64% 2.64%

Commonwealth Electric Company
Monthly NUG Generation
GWH

Line	Description	Actual Jan-03	Actual Feb-03	Actual Mar-03	Actual Apr-03	Actual May-03	Actual Jun-03	Actual Jul-03	Actual Aug-03	Actual Sep-03	Actual Oct-03	Estimate Nov-03	Estimate Dec-03	Total
1	Canal 1	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Pilgrim 1	27,279	17,411	25,539	15,606	9,984	10,547	25,832	27,848	40,172	18,559	24,221	25,237	268,235
3	Pioneer Hydro	0.419	0.279	0.762	0.698	0.580	0.704	0.183	0.260	0.031	0.292	-	-	4,208
4	Chicopee Hydro	0.957	0.474	1.348	1.389	1.012	1.366	0.626	0.569	0.300	0.644	0.663	0.724	10,072
5	Collins Hydro	0.563	0.381	0.656	0.835	0.615	0.818	0.401	0.313	0.153	0.325	0.331	0.359	5,750
6	Boott Mills Hydro	7,754	6,067	10,942	13,639	12,485	9,502	3,023	9,873	4,582	9,974	8,795	9,159	105,795
7	SEMASS 1	32,753	30,314	33,585	36,825	35,158	34,762	31,337	22,082	41,393	32,956	33,420	34,735	399,320
8	SEMASS 2	14,557	12,299	15,057	15,785	19,958	17,414	15,977	8,713	15,051	19,131	15,340	16,048	185,330
9	Northeast Energy (21 MW)	17,305	15,224	15,427	16,872	15,973	15,706	11,059	16,255	15,456	17,081	15,316	16,052	187,726
10	Northeast Energy (25 MW)	20,422	18,307	18,366	20,084	19,017	18,698	13,171	19,346	18,400	20,333	18,227	19,103	223,474
11	Dartmouth Power	47,669	40,455	37,532	2,566	0.130	1.152	17,395	16,298	7,261	30,958	21,616	25,438	248,470
12	MASSPOWER 1	20,873	17,253	18,465	18,286	17,094	16,438	17,467	11,185	1,998	16,891	16,847	18,725	191,522
13	MASSPOWER 2	20,873	17,253	18,465	18,826	16,554	16,438	17,467	11,185	1,998	16,891	16,847	18,725	191,522
14	Altresco-Pittsfield	20,062	18,366	15,469	17,564	19,913	18,650	18,947	18,654	4,941	6,136	17,023	18,756	194,481
15	Seabrook 1	-	-	-	-	-	-	-	-	-	-	-	-	-
16	NUGs Generation	231,486	194,083	211,613	178,975	168,473	162,195	172,885	162,581	151,796	190,171	188,646	203,081	2,215,905
17	Less: Assumed Line Losses @ 6.36%	(14,723)	(12,344)	(13,459)	(11,383)	(10,715)	(10,316)	(10,995)	(10,340)	(9,650)	(12,095)	(11,998)	(12,915)	(140,933)
18	Net GWH Delivered	216,763	181,739	198,154	167,592	157,758	151,879	161,890	152,241	142,086	178,076	176,648	190,146	2,074,972
19	Dist Co Settlement Price	\$ 0.04351	\$ 0.04351	\$ 0.04351	\$ 0.04351	\$ 0.04351	\$ 0.04351	\$ 0.04351	\$ 0.04351	\$ 0.04351	\$ 0.04351	\$ 0.04351	\$ 0.04351	
20	Cost of NUG Purchases	\$ 9.431	\$ 7.907	\$ 8.622	\$ 7.292	\$ 6.864	\$ 6.608	\$ 7.044	\$ 6.824	\$ 6.182	\$ 7.748	\$ 7.686	\$ 8.273	\$ 90.281

Commonwealth Electric Company
Total NUG Cost
\$ In Millions

Line	Description	Actual Jan-03	Actual Feb-03	Actual Mar-03	Actual Apr-03	Actual May-03	Actual Jun-03	Actual Jul-03	Actual Aug-03	Actual Sep-03	Actual Oct-03	Estimate Nov-03	Estimate Dec-03	Total
1	Canal 1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	Pilgrim 1	1.187	0.758	1.111	0.679	0.435	0.459	1.124	1.212	1.748	0.808	1.054	1.098	11.673
3	Pioneer Hydro	0.033	0.022	0.061	0.056	0.046	0.056	0.015	0.022	0.003	0.023	-	-	0.337
4	Chicopee Hydro	0.080	0.039	0.112	0.110	0.089	0.114	0.052	0.047	0.025	0.054	0.056	0.061	0.839
5	Collins Hydro	0.045	0.030	0.052	0.065	0.051	0.065	0.032	0.025	0.012	0.026	0.028	0.030	0.461
6	Boott Mills Hydro	0.698	0.546	0.985	1.199	1.152	0.855	0.272	0.889	0.412	0.898	0.792	0.824	9.522
7	SEMASS 1	2.657	2.457	2.727	2.999	2.862	2.669	2.736	1.805	3.385	2.686	2.738	2.845	32.566
8	SEMASS 2	1.894	1.614	1.950	2.058	2.601	2.257	2.079	1.143	1.920	2.476	2.013	2.105	24.110
9	Northeast Energy (21 MW)	1.588	1.513	1.632	1.664	1.568	1.540	1.081	1.605	1.509	1.681	1.716	1.777	18.874
10	Northeast Energy (25 MW)	1.485	2.584	0.516	1.640	1.465	1.401	0.868	1.423	1.277	1.453	1.527	1.600	17.239
11	Dartmouth Power	3.524	3.558	4.186	2.442	2.150	2.910	2.832	2.868	2.282	3.377	3.119	3.337	36.585
12	MASSPOWER 1	1.517	1.464	1.493	1.634	1.591	1.475	1.238	1.179	1.184	1.762	1.466	1.517	17.520
13	MASSPOWER 2	1.617	1.536	1.574	1.553	1.709	1.772	1.319	1.229	1.178	1.820	1.466	1.517	18.290
14	Altresco - Pittsfield	1.626	1.719	1.436	1.347	1.793	1.552	1.325	1.597	1.066	1.006	1.694	1.788	17.949
15	Seabrook 1	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Total NUG Cost	\$ 17.951	\$ 17.840	\$ 17.835	\$ 17.446	\$ 17.512	\$ 17.125	\$ 14.973	\$ 15.044	\$ 16.001	\$ 18.070	\$ 17.669	\$ 18.499	\$ 205.965

Commonwealth Electric Company
Monthly Short Term Market Transactions
\$ in Millions

Line	Description	Account	Actual Jan-03	Actual Feb-03	Actual Mar-03	Actual Apr-03	Actual May-03	Actual Jun-03	Actual Jul-03	Actual Aug-03	Actual Sep-03	Actual Oct-03	Estimate Nov-03	Estimate Dec-03	Total
1	Short Term SO - Sales	447640	\$ (9.947)	\$ (6.969)	\$ (7.552)	\$ (5.995)	\$ (6.151)	\$ (5.818)	\$ (6.873)	\$ (6.444)	\$ (5.578)	\$ (7.199)	\$ (5.801)	\$ (6.244)	\$ (80.571)
2	Mirant	555916	4.083	4.215	4.502	4.778	4.006	4.213	6.406	6.371	5.235	4.499	3.363	3.420	55.091
3	Short Term SO	555010	6.544	6.147	6.816	5.558	4.982	9.467	9.445	8.946	6.925	5.823	4.025	4.099	78.777
4	Renewable Energy Certificates	557110	-	-	-	0.144	-	0.134	0.106	-	-	0.004	-	-	0.388
5	ISO - NE	555933	(0.699)	(0.691)	(0.690)	(0.701)	(0.697)	(0.699)	(0.704)	(0.705)	(0.699)	(0.698)	-	-	(6.983)
6	Total ST Market Transaction Cost		\$ (0.019)	\$ 2.702	\$ 3.076	\$ 3.784	\$ 2.140	\$ 7.297	\$ 8.380	\$ 8.168	\$ 5.883	\$ 2.429	\$ 1.587	\$ 1.275	\$ 46.702

Commonwealth Electric Company
Standard Offer Revenue
\$ in Millions

Line	Description	Account	Actual Jan-03	Actual Feb-03	Actual Mar-03	Actual Apr-03	Actual May-03	Actual Jun-03	Actual Jul-03	Actual Aug-03	Actual Sep-03	Actual Oct-03	Estimate Nov-03	Estimate Dec-03	Total
1	Standard Offer Revenues														
2	Residential	440170	\$ 6,639	\$ 6,436	\$ 6,121	\$ 5,031	\$ 5,219	\$ 5,490	\$ 7,360	\$ 8,702	\$ 8,397	\$ 6,190	\$ 5,074	\$ 5,438	\$ 76,097
3	Commercial	442450	3,790	3,934	4,000	3,546	3,641	4,352	5,111	5,559	5,637	4,956	4,800	4,756	54,082
4	Industrial	442460	0.321	0.344	0.352	0.380	0.418	0.485	0.503	0.358	0.553	0.474	1.149	0.998	6.335
5	Street Lighting	444070	0.048	0.041	0.041	0.035	0.038	0.035	0.037	0.040	0.047	0.049	0.053	0.058	0.522
6	Total Standard Offer Revenues		\$ 10,798	\$ 10,755	\$ 10,514	\$ 8,992	\$ 9,316	\$ 10,362	\$ 13,011	\$ 14,659	\$ 14,634	\$ 11,669	\$ 11,076	\$ 11,250	\$ 137,036
7	Standard Offer GWH Sales		242,708	229,118	223,913	191,559	183,713	185,304	232,508	265,966	251,623	190,916	180,866	183,707	2,561,901

Commonwealth Electric Company
Monthly Default Service Deferral
\$ in Millions

Line	Description	Account	Dec-02	Actual Jan-03	Actual Feb-03	Actual Mar-03	Actual Apr-03	Actual May-03	Actual Jun-03	Actual Jul-03	Actual Aug-03	Actual Sep-03	Actual Oct-03	Estimate Nov-03	Estimate Dec-03	Total
1	Default Service Revenues [line 12]			\$ (2,391)	\$ (2,162)	\$ (2,293)	\$ (2,116)	\$ (2,649)	\$ (2,904)	\$ (3,904)	\$ (3,741)	\$ (3,951)	\$ (3,425)	\$ (2,182)	\$ (2,387)	\$ (34,105)
2	Default Service Adjustment Revenues [line 19]															
3	Default Service Expense			3.443	2.078	2.177	2.188	2.577	3.042	3.949	5.892	3.129	2.875	2.182	2.387	35,909
4	Default Service Deferral (Over) / Under Recovery			1.052	(0.084)	(0.116)	0.072	(0.072)	0.138	0.045	2.141	(0.822)	(0.550)	-	-	1,804
5	Interest on Default Service Deferral Balance [Note]			0.035	0.037	0.037	0.037	0.037	0.037	0.037	0.040	0.041	0.040	0.039	0.039	0.456
6	Default Service (Over) / Under Ending Balance															
				\$ 15,610	\$ 16,550	\$ 16,571	\$ 16,680	\$ 16,645	\$ 16,820	\$ 16,902	\$ 19,083	\$ 18,302	\$ 17,792	\$ 17,831	\$ 17,870	
7	Default Service Revenues Detail															
8	Residential	440180		\$ 1,189	\$ 1,011	\$ 1,063	\$ 0,834	\$ 0,806	\$ 1,253	\$ 1,799	\$ 1,572	\$ 1,534	\$ 1,760	\$ 1,000	\$ 1,154	\$ 14,975
9	Commercial	442480		0,970	0,865	0,974	0,937	1,133	1,063	1,394	1,649	1,634	1,283	0,946	1,009	13,857
10	Industrial	442490		0,231	0,285	0,251	0,340	0,706	0,584	0,706	0,514	0,777	0,378	0,226	0,212	5,210
11	Street Lighting	444100		0,001	0,001	0,005	0,005	0,004	0,004	0,005	0,006	0,006	0,004	0,010	0,012	0,063
12	Total Default Service Revenues			\$ 2,391	\$ 2,162	\$ 2,293	\$ 2,116	\$ 2,649	\$ 2,904	\$ 3,904	\$ 3,741	\$ 3,951	\$ 3,425	\$ 2,182	\$ 2,387	\$ 34,105
13	Default Service GWH Sales			46,243	41,987	46,176	43,143	50,948	57,720	68,398	61,072	65,747	58,769	47,113	49,339	636,655
14	Default Service Adjustment Revenues Detail															
15	Residential	440175		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	Commercial	442455		-	-	-	-	-	-	-	-	-	-	-	-	-
17	Industrial	442465		-	-	-	-	-	-	-	-	-	-	-	-	-
18	Street Lighting	444075		-	-	-	-	-	-	-	-	-	-	-	-	-
19	Total Default Service Adjustment Revenues			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
20	Total GWH Sales			375,936	359,498	348,147	299,041	301,237	311,968	385,330	412,468	412,149	325,776	317,254	325,665	4,174,469

Note

Interest = [Prior Month Line 6 + (Current Month Line 4 * 0.5)] * Annual Interest Rate / 12 months
Annual Interest Rate 2.64%

Commonwealth Electric Company
Monthly Standard Offer Deferral
\$ in Millions

Line	Description	Dec-03	Estimate Jan-04	Estimate Feb-04	Estimate Mar-04	Estimate Apr-04	Estimate May-04	Estimate Jun-04	Estimate Jul-04	Estimate Aug-04	Estimate Sep-04	Estimate Oct-04	Estimate Nov-04	Estimate Dec-04	Total
1	Standard Offer Revenues [page 5, line 7]		\$ (13,362)	\$ (12,916)	\$ (12,301)	\$ (11,604)	\$ (11,030)	\$ (11,718)	\$ (13,755)	\$ (14,743)	\$ (13,091)	\$ (11,380)	\$ (11,231)	\$ (11,639)	\$ (148,770)
2	Standard Offer Expense [line 9]		13,592	11,518	12,725	11,657	11,967	12,299	13,806	13,344	11,564	11,844	11,399	13,062	148,777
3	Standard Offer Deferral (Over) / Under Recovery		0.230	(1.398)	0.424	0.053	0.937	0.581	0.051	(1.399)	(1.527)	0.464	0.168	1.423	0.007
4	Interest on SO Deferral Balance [Note]		-	(0.001)	(0.001)	(0.001)	-	0.001	0.001	-	(0.002)	(0.002)	(0.002)	(0.001)	(0.008)
5	SO Deferral (Over) / Under Ending Balance	\$ 0.015	\$ 0.245	\$ (1.154)	\$ (0.731)	\$ (0.679)	\$ 0.258	\$ 0.840	\$ 0.892	\$ (0.507)	\$ (2.036)	\$ (1.574)	\$ (1.408)	\$ 0.014	
6	Standard Offer Expense Detail														
7	NUG Purchases [page 2, line 18]		\$ 12,088	\$ 10,251	\$ 11,897	\$ 10,635	\$ 10,754	\$ 10,365	\$ 10,034	\$ 10,360	\$ 10,250	\$ 11,069	\$ 10,943	\$ 12,114	\$ 130,760
8	Short Term Market Transactions [page 4, line 5]		1,504	1,267	0,828	1,022	1,213	1,934	3,772	2,984	1,314	0,775	0,456	0,948	18,017
9	Standard Offer Expense [line 7 + line 8]		\$ 13,592	\$ 11,518	\$ 12,725	\$ 11,657	\$ 11,967	\$ 12,299	\$ 13,806	\$ 13,344	\$ 11,564	\$ 11,844	\$ 11,399	\$ 13,062	\$ 148,777

Note

Interest = [Prior Month Line 5 + [Current Month Line 3 * 0.5]] * Annual Interest Rate / 12 months
Annual Interest Rate 1.47%

Commonwealth Electric Company
Monthly NUG Generation
GWH

Line	Description	Estimate Jan-04	Estimate Feb-04	Estimate Mar-04	Estimate Apr-04	Estimate May-04	Estimate Jun-04	Estimate Jul-04	Estimate Aug-04	Estimate Sep-04	Estimate Oct-04	Estimate Nov-04	Estimate Dec-04	Total
1	Pilgrim 1	27.256	22.813	26.565	21.282	19.331	25.344	25.469	24.261	24.093	26.376	26.194	26.498	295.482
2	Pioneer Hydro	0.317	0.369	0.642	0.610	0.458	0.443	0.097	0.100	0.049	0.117	0.213	0.295	3.710
3	Chicopee Hydro	0.630	0.716	1.120	1.014	0.856	0.790	0.376	0.246	0.261	0.360	0.528	0.630	7.527
4	Collins Hydro	0.369	0.398	0.649	0.634	0.548	0.494	0.218	0.188	0.142	0.176	0.247	0.355	4.418
5	Boott Mills Hydro	7.412	7.436	11.804	12.987	11.444	8.643	3.733	3.263	3.261	4.827	5.446	7.826	88.082
6	SEMASS 1	35.135	31.729	34.498	32.219	35.058	33.477	34.319	32.769	33.809	34.121	33.522	34.603	405.259
7	SEMASS 2	15.841	16.219	15.648	15.716	16.884	15.980	13.805	14.280	14.431	12.945	16.195	16.336	184.280
8	Northeast Energy (21 MW)	17.104	15.499	16.275	15.781	13.868	14.053	14.700	15.182	15.023	16.151	14.674	16.475	184.785
9	Northeast Energy (25 MW)	20.362	18.451	19.375	18.786	16.510	16.730	17.500	18.074	17.885	19.228	17.469	19.613	219.983
10	Dartmouth Power	44.235	29.886	35.941	27.527	31.169	25.673	25.846	32.415	32.726	44.894	38.261	42.281	410.854
11	MASSPOWER 1	15.514	12.537	18.037	15.714	15.913	14.981	14.310	15.492	15.561	12.617	14.997	18.777	184.450
12	MASSPOWER 2	15.514	12.537	18.036	15.714	15.913	14.981	14.310	15.493	15.561	12.617	14.997	18.776	184.449
13	Altresco-Pittsfield	20.105	17.801	17.737	15.394	17.585	16.876	17.763	16.615	13.582	16.854	16.232	17.806	204.350
14	NUGs Generation	219.794	186.391	216.327	193.378	195.537	188.465	182.446	188.378	186.384	201.283	198.975	220.271	2,377.629
15	Less: Assumed Line Losses @ 6.36%	(13.979)	(11.854)	(13.758)	(12.299)	(12.436)	(11.986)	(11.604)	(11.981)	(11.854)	(12.802)	(12.855)	(14.009)	(151.217)
16	Net GWH Delivered	205.815	174.537	202.569	181.079	183.101	176.479	170.842	176.397	174.530	188.481	186.320	206.262	2,226.412
17	Dist Co Settlement Price	\$ 0.05873	\$ 0.05873	\$ 0.05873	\$ 0.05873	\$ 0.05873	\$ 0.05873	\$ 0.05873	\$ 0.05873	\$ 0.05873	\$ 0.05873	\$ 0.05873	\$ 0.05873	
18	Cost of NUG Purchases	\$ 12.088	\$ 10.251	\$ 11.897	\$ 10.635	\$ 10.754	\$ 10.365	\$ 10.034	\$ 10.360	\$ 10.250	\$ 11.069	\$ 10.943	\$ 12.114	\$ 130.760

Commonwealth Electric Company
Total NUG Cost
\$ In Millions

Line	Description	Estimate Jan-04	Estimate Feb-04	Estimate Mar-04	Estimate Apr-04	Estimate May-04	Estimate Jun-04	Estimate Jul-04	Estimate Aug-04	Estimate Sep-04	Estimate Oct-04	Estimate Nov-04	Estimate Dec-04	Total
1	Pilgrim 1	\$ 1.287	\$ 1.077	\$ 1.254	\$ 1.005	\$ 0.913	\$ 1.197	\$ 1.203	\$ 1.146	\$ 1.138	\$ 1.245	\$ 1.237	\$ 1.251	\$ 13.953
2	Pioneer Hydro	0.027	0.031	0.054	0.051	0.038	0.037	0.008	0.009	0.004	0.010	0.018	0.025	0.312
3	Chicopee Hydro	0.053	0.060	0.094	0.085	0.072	0.066	0.032	0.021	0.022	0.030	0.044	0.053	0.632
4	Collins Hydro	0.031	0.033	0.054	0.053	0.046	0.042	0.018	0.016	0.012	0.015	0.021	0.030	0.371
5	Boott Mills Hydro	0.667	0.669	1.062	1.169	1.030	0.778	0.336	0.294	0.294	0.434	0.490	0.704	7.927
6	SEMASS 1	2.876	2.599	2.827	2.642	2.877	2.748	2.820	2.694	2.781	2.809	2.761	2.853	33.287
7	SEMASS 2	2.287	2.342	2.260	2.269	2.438	2.308	1.994	2.062	2.084	1.869	2.338	2.359	26.610
8	Northeast Energy (21 MW)	1.834	1.661	1.745	1.692	1.487	1.507	1.576	1.627	1.610	1.731	1.573	1.766	19.809
9	Northeast Energy (25 MW)	1.329	1.097	1.141	1.126	1.028	1.027	1.076	1.103	1.150	1.269	1.138	1.282	13.766
10	Dartmouth Power	4.284	3.590	3.842	3.272	3.308	3.087	3.102	3.355	3.378	3.834	3.646	3.890	42.588
11	MASSPOWER 1	1.749	1.607	1.829	1.711	1.696	1.484	1.454	1.495	1.498	1.537	1.636	1.795	19.491
12	MASSPOWER 2	1.748	1.607	1.830	1.711	1.696	1.484	1.454	1.495	1.497	1.538	1.635	1.795	19.490
13	Altresco - Pittsfield	1.722	1.530	1.605	1.482	1.559	1.306	1.357	1.326	1.241	1.564	1.523	1.610	17.825
14	Total NUG Cost	\$ 19.894	\$ 17.903	\$ 19.597	\$ 18.268	\$ 18.188	\$ 17.071	\$ 16.430	\$ 16.643	\$ 16.709	\$ 17.885	\$ 18.060	\$ 19.413	\$ 216.061

Commonwealth Electric Company
Monthly Short Term Market Transactions
\$ in Millions

Line	Description	Account	Estimate Jan-04	Estimate Feb-04	Estimate Mar-04	Estimate Apr-04	Estimate May-04	Estimate Jun-04	Estimate Jul-04	Estimate Aug-04	Estimate Sep-04	Estimate Oct-04	Estimate Nov-04	Estimate Dec-04	Total
	Cost														
1	Short Term SO - Sales		\$ (11,462)	\$ (9,618)	\$ (9,864)	\$ (8,093)	\$ (7,685)	\$ (7,576)	\$ (8,675)	\$ (8,920)	\$ (7,399)	\$ (7,800)	\$ (8,029)	\$ (8,987)	\$ (104,108)
2	Mirant		5,275	4,456	4,583	4,102	4,154	4,312	5,027	4,812	3,963	3,955	3,835	4,378	52,852
3	Short Term SO		7,691	6,429	6,109	5,013	4,744	5,198	7,420	7,092	4,750	4,620	4,650	5,557	69,273
4	Other		-	-	-	-	-	-	-	-	-	-	-	-	-
5	Total ST Market Transaction Cost		\$ 1,504	\$ 1,267	\$ 0,828	\$ 1,022	\$ 1,213	\$ 1,934	\$ 3,772	\$ 2,984	\$ 1,314	\$ 0,775	\$ 0,456	\$ 0,948	\$ 18,017

Commonwealth Electric Company
Standard Offer Revenue
\$ in Millions

Line	Description	Estimate Jan-03	Estimate Feb-03	Estimate Mar-03	Estimate Apr-03	Estimate May-03	Estimate Jun-03	Estimate Jul-03	Estimate Aug-03	Estimate Sep-03	Estimate Oct-03	Estimate Nov-03	Estimate Dec-03	Total
1	Standard Offer GWH Sales	214.718	204.299	194.573	183.555	174.467	185.346	217.559	233.191	207.070	179.998	177.644	184.089	2,356.509
2	Standard Offer Price	\$ 0.04900	\$ 0.05100	\$ 0.05100	\$ 0.05100	\$ 0.05100	\$ 0.05100	\$ 0.05100	\$ 0.05100	\$ 0.05100	\$ 0.05100	\$ 0.05100	\$ 0.05100	
3	Standard Offer Revenues	\$ 10.521	\$ 10.419	\$ 9.923	\$ 9.361	\$ 8.898	\$ 9.453	\$ 11.096	\$ 11.893	\$ 10.561	\$ 9.180	\$ 9.060	\$ 9.389	\$ 119.754
4	Standard Offer GWH Sales	214.718	204.299	194.573	183.555	174.467	185.346	217.559	233.191	207.070	179.998	177.644	184.089	2,356.509
5	SOSFA Price	\$ 0.01323	\$ 0.01222	\$ 0.01222	\$ 0.01222	\$ 0.01222	\$ 0.01222	\$ 0.01222	\$ 0.01222	\$ 0.01222	\$ 0.01222	\$ 0.01222	\$ 0.01222	
6	SOSFA Revenues	\$ 2.841	\$ 2.497	\$ 2.378	\$ 2.243	\$ 2.132	\$ 2.265	\$ 2.659	\$ 2.850	\$ 2.530	\$ 2.200	\$ 2.171	\$ 2.250	\$ 29.016
7	Total Standard Offer & SOSFA Revenues	\$ 13.362	\$ 12.916	\$ 12.301	\$ 11.604	\$ 11.030	\$ 11.718	\$ 13.755	\$ 14.743	\$ 13.091	\$ 11.380	\$ 11.231	\$ 11.639	\$ 148.770

Commonwealth Electric Company
Monthly Default Service Deferral
\$ In Millions

Line	Description	Dec-03	Estimate Jan-04	Estimate Feb-04	Estimate Mar-04	Estimate Apr-04	Estimate May-04	Estimate Jun-04	Estimate Jul-04	Estimate Aug-04	Estimate Sep-04	Estimate Oct-04	Estimate Nov-04	Estimate Dec-04	Total
1	Default Service Revenues [line 10]		\$ (3,899)	\$ (3,868)	\$ (3,474)	\$ (3,103)	\$ (2,940)	\$ (3,200)	\$ (4,201)	\$ (4,853)	\$ (4,088)	\$ (3,250)	\$ (3,244)	\$ (3,460)	\$ (43,580)
2	Default Service Adjustment Revenues [line 14]		(0.804)	(1.542)	(1.481)	(1.410)	(1.352)	(1.449)	(1.716)	(1.856)	(1.663)	(1.459)	(1.453)	(1.520)	(17,705)
3	Default Service Expense		4,095	3,532	3,365	3,045	3,058	3,414	4,677	4,581	3,281	3,224	3,255	3,810	43,337
4	Default Service Deferral (Over) / Under Recovery		(0.608)	(1.878)	(1.590)	(1.468)	(1,234)	(1,235)	(1,240)	(2,128)	(2,470)	(1,485)	(1,442)	(1,170)	(17,948)
5	Interest on Default Service Deferral Balance [Note]		0.022	0.020	0.018	0.016	0.014	0.013	0.011	0.009	0.007	0.004	0.002	0.001	0.137
6	Default Service (Over) / Under Ending Balance	\$ 17,870	\$ 17,284	\$ 15,426	\$ 13,854	\$ 12,402	\$ 11,182	\$ 9,960	\$ 8,731	\$ 6,812	\$ 4,149	\$ 2,668	\$ 1,228	\$ 0,059	
7	Default Service Revenues Detail														
8	Default Service GWH Sales		62,710	60,669	58,752	56,358	54,469	58,841	70,232	76,549	69,124	61,105	61,328	64,633	754,770
9	Default Service Price		\$ 0.06218	\$ 0.06375	\$ 0.05913	\$ 0.05505	\$ 0.05398	\$ 0.05439	\$ 0.05981	\$ 0.06340	\$ 0.05914	\$ 0.05318	\$ 0.05289	\$ 0.05354	
10	Default Service Revenues		\$ 3,899	\$ 3,868	\$ 3,474	\$ 3,103	\$ 2,940	\$ 3,200	\$ 4,201	\$ 4,853	\$ 4,088	\$ 3,250	\$ 3,244	\$ 3,460	\$ 43,580
11	Default Service Adjustment Revenues Detail														
12	Total GWH Sales		365,229	350,487	336,689	320,397	307,214	329,270	389,961	421,760	377,934	331,550	330,254	345,447	4,206,192
13	Default Service Adjustment Price		\$ 0.00220	\$ 0.00440	\$ 0.00440	\$ 0.00440	\$ 0.00440	\$ 0.00440	\$ 0.00440	\$ 0.00440	\$ 0.00440	\$ 0.00440	\$ 0.00440	\$ 0.00440	
14	Default Service Adjustment Revenues		\$ 0.804	\$ 1,542	\$ 1,481	\$ 1,410	\$ 1,352	\$ 1,449	\$ 1,716	\$ 1,856	\$ 1,663	\$ 1,459	\$ 1,453	\$ 1,520	\$ 17,705

Note

Interest = [Prior Month Line 6 + [Current Month Line 4 * 0.5]] * Annual Interest Rate / 12 month
Annual Interest Rate 1.47%

1.47% 1.47% 1.47% 1.47% 1.47% 1.47% 1.47% 1.47% 1.47% 1.47% 1.47% 1.47% 1.47% 1.47% 1.47%

**CAMBRIDGE ELECTRIC LIGHT COMPANY
COMMONWEALTH ELECTRIC COMPANY
d/b/a NSTAR ELECTRIC**

Direct Testimony of Henry C. LaMontagne

Exhibit CAM/COM-HCL

D.T.E. 03-118

1 **Q. Please state your name and business address.**

2 A. My name is Henry C. LaMontagne. My business address is 800 Boylston Street,
3 Boston, Massachusetts 02199.

4 **Q. By whom are you employed and in what capacity?**

5 A. I am Director of Regulatory Policy and Rates for the regulated operating companies
6 of NSTAR. In this capacity, I am responsible for pricing and rate design activities for
7 Boston Edison Company ("Boston Edison"), Cambridge Electric Light Company
8 ("Cambridge"), Commonwealth Electric Company ("Commonwealth") and NSTAR
9 Gas Company.

10 **Q. Please describe your education and professional background.**

11 A. I graduated from the University of Massachusetts - Dartmouth in 1968 with a
12 Bachelor of Science degree in Electrical Engineering. Upon graduation, I served two
13 years of military duty, after which I joined the Engineering Department of
14 COM/Energy Services Company ("COM/Energy") in October 1970. In March 1973,
15 I became a Rate Analyst with the Rate Department of COM/Energy where my
16 primary responsibilities were to assist in the formulation and administration of gas
17 and electric tariffs and special contracts for the operating subsidiaries of the
18 Commonwealth Energy System. Since then, I have held various positions in the Rate

1 Department progressing to Manager – Rate Design in March 1987. I held that
2 position in the Commonwealth Energy System until its merger with BEC Energy was
3 consummated in August 1999, whereupon I was named to my present position.

4 **Q. Please describe your present responsibilities.**

5 A. As Director of Regulatory Policy and Rates, I am responsible for directing the
6 preparation and design of rate schedules and the pricing of special contracts for
7 NSTAR. In addition, I am responsible for directing the preparation of embedded and
8 marginal cost allocation studies and other special cost studies as required to support
9 the pricing and rate design function.

10 **Q. Have you previously testified in any formal hearings before regulatory bodies?**

11 A. Yes, I have presented testimony before the Department of Telecommunications and
12 Energy (the “Department”) and the Federal Energy Regulatory Commission
13 (“FERC”) on numerous occasions. I have most recently presented testimony before
14 the Department on behalf of Boston Edison in D.T.E. 02-80A, its most recent
15 Transition Charge Reconciliation proceeding. I have also presented testimony on
16 behalf of Cambridge and Commonwealth in their most recent Transition Charge
17 Reconciliation proceeding, D.T.E. 02-80B. Previously, I have presented testimony
18 for Cambridge, Commonwealth and Canal Electric Companies in their
19 comprehensive electric restructuring plan (the “Restructuring Plan”) proceeding,
20 D.P.U./D.T.E. 97-111 (1998) and their divestiture proceeding, D.T.E. 98-78/83

1 (1998). Also previously, I have presented testimony on behalf of Cambridge,
2 Commonwealth and Commonwealth Gas Company in general rate proceedings
3 before the Department in Cambridge Electric Light Company, D.P.U. 94/101/95-36
4 (1995), Commonwealth Gas Company, D.P.U. 95-102 (1995), and Commonwealth
5 Electric Company, D.P.U. 90-331 (1990). In addition, I have presented testimony
6 before the FERC concerning transmission service to the Town of Belmont, in FERC
7 Docket Nos. ER94-1409 and EL94-88.

8 **Q. What is the purpose of your testimony?**

9 A. My testimony will describe the proposed changes to rates for Cambridge and
10 Commonwealth (the "Companies") resulting from reconciling the Transition Charges
11 for the year 2003. In addition, I will describe the changes to each Company's rate
12 design models reflecting the use year 2002 billing quantities in place of the year 1995
13 billing quantities used in prior reconciliation filings. My testimony will describe how
14 the reconciled Transition Charges will be implemented and what their impact will be
15 on customers' bills.

16 **Q. When will the proposed rate changes take effect?**

17 A. The new charges are proposed to become effective on January 1, 2004.

18 **Q. What exhibits are you sponsoring in your testimony?**

19 A. I am sponsoring eight exhibits each for Cambridge and Commonwealth as well as
20 this testimony, Exhibit CAM/COM-HCL. Exhibits CAM-HCL-1 and COM-HCL-1

1 are the redlined versions of the proposed tariffs. Exhibits CAM-HCL-2 and COM-
2 HCL-2 set forth summary tables of revenue by rate schedule that result from
3 implementing the proposed rate changes. Exhibits CAM-HCL-3 and COM-HCL-3
4 set forth the pricing models and revenue proofs used to design the proposed rates.
5 Exhibits CAM-HCL-4 and COM-HCL-4 demonstrate the percentage rate reduction
6 from inflation-adjusted rates at the individual bill level. Exhibits CAM-HCL-5 and
7 COM-HCL-5 set forth a summary of unbundled rate components in effect for each
8 year since the Retail Access Date ("RAD") and projected for the future. Exhibits
9 CAM-HCL-6 and COM-HCL-6 set forth the development of the Transition Rate
10 Adjustments for year 2002. Exhibits CAM-HCL-7 and COM-HCL-7 set forth the
11 derivation of the inflation factor. Finally, Exhibits CAM-HCL-8 and COM-HCL-8
12 set forth typical bill calculations that compare inflation-adjusted rates to proposed
13 rates and current rates to proposed rates.

14 **Q. What are the changes to rates that Cambridge and Commonwealth are**
15 **proposing?**

16 A. Cambridge and Commonwealth are each proposing changes to their Transition
17 Charge, the Transition Adjustment Charge, the Transmission Charge, the rates for
18 Standard Offer Service and the Default Service Adjustment. Now that the
19 distribution rate freeze approved by the Department in D.T.E. 99-19 has expired, the
20 Companies are able to make some minor, revenue-neutral distribution rate design
21 changes to achieve a uniform 15 percent reduction from inflation-adjusted rates for

1 each rate class. As described below, to demonstrate that those distribution rate-
2 design changes are revenue-neutral, the Companies used billing determinants from
3 the most recent calendar year available — 2002. The changes to the transmission
4 rates reflect each Company's latest calculation of annual prices under its FERC
5 Transmission Tariff as set forth in the testimony of Joseph F. Lanzel. The rate for
6 Standard Offer Service reflects a level of 5.1 cents/kWh consistent with the
7 Companies' restructuring order.

8 **Q. Have you provided proposed tariffs that reflect the rate changes described**
9 **above?**

10 A. Yes, the proposed tariffs have been filed with the cover letter to this filing. Exhibits
11 CAM-HCL-1 and COM-HCL-1 are the redlined versions of the Companies'
12 proposed rate schedules.

13 **Q. Can you describe the changes in the method used to determine the rates**
14 **proposed in this filing compared to that used in prior reconciliation filings?**

15 A. The Companies made two methodology changes in designing the rates proposed in
16 this filing. First, the Companies reflect year 2002 billing quantities in place of year
17 1995 billing quantities to design the proposed rates. Using the updated billing
18 quantities helps to assure the uniform recovery of the unbundled rate components
19 across rate classes. This helps to reduce the year-to-year over/under collection of
20 revenues for transmission and transition rate components that arise when the
21 relationship between actual kWh and kW billing quantities diverges from that used in

1 designing rates. Second, the Companies have allowed the distribution rate
2 component in its rate schedules to change when designing rates to meet the mandated
3 15 percent reduction for each rate component. In prior reconciliation filings, the
4 Companies were precluded from altering individual distribution rate charges because
5 it was subject to a distribution rate freeze resulting from its 1999 merger proceeding.

6 Each Company's total distribution revenue does not change from that allowed under
7 rates set at the time of the initial rate unbundling which began in March 1998.

8 **Q. Have you provided a summary of the revenues produced by the proposed rates?**

9 A. Yes. Page 1 of the Exhibits CAM-HCL-2 and COM-HCL-2 sets forth a summary of
10 the proposed revenues for each rate class and compares such revenues with the
11 corresponding inflation-adjusted revenues for each rate class. This page also
12 documents the components of each rate schedule that Cambridge and Commonwealth
13 are proposing to change with this filing. Page 2 of these exhibits sets forth a detailed
14 report of revenue by unbundled rate component for each rate schedule. Page 3 sets
15 forth the same information as page 2, except that the information is stated in
16 cents/kWh. Page 4 sets forth a comparison of distribution revenue by rate class for
17 pre-retail access rates and proposed rates.

18 **Q. What changes to Cambridge and Commonwealth's Transition Charges are you**
19 **proposing as a result of reconciliation for 2003?**

20 A. In his testimony, Mr. Lanzel supports an average Transition Charge for the year 2004
21 of 0.253 cents per kWh and 2.027 cents per kWh for Cambridge and Commonwealth,

1 respectively. These represents the maximum Transition Charge that the Companies
2 can implement while maintaining the uniform 15 percent rate reduction for each rate
3 class. As a result, Cambridge and Commonwealth are each projected to have an
4 uncollected balance of transition costs at the end of year 2004. These proposed
5 Transition Charges compare to the current Transition Charges for 2003 of 0.200 cents
6 per kWh for Cambridge and 2.749 cents per kWh for Commonwealth. For reference,
7 the initial Transition Charge included in the Restructuring Plan was 2.73 and 4.08
8 cents per kWh, respectively for Cambridge and Commonwealth. The amounts
9 originally scheduled in the Restructuring Plan for 2004 were 1.622 and 3.766,
10 respectively.

11 **Q. How have you reflected the change to the Transition Charges in Cambridge and**
12 **Commonwealth's rates?**

13 A. First, I assign the same average Transition Charge rate to each rate class. To this
14 average Transition Charge, I add a class-specific Transition Charge Adjustment,
15 pursuant to the terms of the Companies' settlement agreement approved by
16 Department in D.T.E. 00-83. The methodology for calculating the Transition Charge
17 adjustment for each class for the year 2004 is set forth in Exhibit CAM-HCL-6 and
18 COM-HCL-6. The purpose of the adjustment is to ensure that the reconciliation of
19 the Transition Charge maintains a uniform recovery of the average transition charge
20 from each customer class.

1 **Q. What rate changes are proposed for Cambridge's Transmission rates?**

2 A. The proposed average transmission rate reflects a decrease of 0.549 cents per kWh
3 resulting in a total average rate of 1.427 cents per kWh. The current average
4 transmission rate is 1.976 cents per kWh. The current average transmission charges
5 for individual rate schedules are adjusted to reflect the ratio of the proposed
6 transmission rate to the current transmission rate (i.e., $1.427/1.976 = 0.722$). Mr.
7 Lanzel describes the development of the revised average Transmission rate in his
8 testimony.

9 **Q. What rate changes are proposed for Commonwealth's Transmission rates?**

10 A. The proposed average transmission rate reflects an increase of 0.166 cents per kWh
11 resulting in a total average rate of 0.683 cents per kWh. The current average
12 transmission rate is 0.517 cents per kWh. The current average transmission charges
13 for individual rate schedules are adjusted to reflect the ratio of the proposed
14 transmission rate to the current transmission rate (i.e., $0.683/0.517 = 1.321$). Mr.
15 Lanzel describes the development of the revised average Transmission rate in his
16 testimony.

17 **Q. How have you implemented the Pension Adjustment and the Default Service**
18 **Adjustment?**

19 A. I implemented the Pension Adjustment and the Default Service Adjustment for
20 Cambridge and Commonwealth as a uniform charge per kWh for each rate class.
21 The Pension Adjustments are 0.124 and 0.076 cents per kWh for Cambridge and

1 Commonwealth, respectively. The Default Service Adjustments are 0.265 and 0.440
2 cents per kWh for Cambridge and Commonwealth, respectively. Mr. Lanzel
3 describes the need and the development of these adjustments in his testimony.

4 **Q. Why are you proposing changes to distribution rates?**

5 A. Two reasons for proposing changes to distribution rates are described below. First,
6 the Department requires the Companies to implement rates that reflect a 15 percent
7 reduction from inflation-adjusted, pre-retail access rates for each rate class. Since the
8 average rate for rate classes varies from class to class, the uniform average percentage
9 inflation adjustment results in different percentage changes to average rates each
10 year. In order to maintain the uniform 15 percent reduction for each rate class while
11 applying uniform Standard Offer Service rates and Transition Charges, the
12 Companies are required to alter distribution charges on a class-by-class basis.
13 Second, in accordance with the Department's requirements, each rate component
14 (that is, per-bill charge, per-kWh charge and per-kW/kVA charge) must reflect a
15 15 percent reduction from inflation-adjusted rates. In addition, certain categories of
16 charges (Standard Offer, Energy Efficiency, Renewables, Default Service Adjustment
17 and Pension Adjustment) are to be recovered on a uniform cents per kWh hour basis.
18 For certain rate classes, complying with these requirements results in the need to
19 reduce existing distribution rates to meet the required 15 percent reduction. In order
20 for the Companies to set rates to recover its allowed total distribution revenue, it
21 must increase some other distribution rate component commensurately to offset the

1 rate that was reduced.

2 **Q. Has the proposed rate design changed the overall level of distribution revenue**
3 **recovered by the Companies?**

4 A. No. The overall level of distribution revenue recovered from the rates allowed at the
5 onset of unbundling in March 1998 has not changed. The distribution revenues have
6 been reallocated among the various rate classes to maintain the uniform 15 percent
7 reduction for each rate class. Page 4 of the Exhibits CAM-HCL-2 and COM-HCL-2
8 sets forth a calculation of the authorized and proposed distribution revenue.

9 **Q. Have Cambridge and Commonwealth provided exhibits setting forth the design**
10 **of rates that implement the proposed changes described above?**

11 A. Yes. The Exhibits CAM-HCL-3 and COM-HCL-3 sets forth the Companies' rate-
12 design models and revenue proofs for each of its proposed rates.

13 **Q. Have Cambridge and Commonwealth demonstrated their compliance with the**
14 **inflation-adjusted 15 percent rate reduction?**

15 A. Yes. Page 1 the Exhibits CAM-HCL-2 and COM-HCL-2 demonstrates at the rate
16 schedule level that the 15 percent reduction is achieved for each of the Companies'
17 rate classes. In addition, the Exhibits CAM-HCL-4 and COM-HCL-4 demonstrates
18 that each rate component provides the 15 percent reduction over the inflation-
19 adjusted, pre-RAD rate levels with the exception of certain rate classes, which I will
20 address separately. Since each rate component reflects at the required rate reduction,
21 every calculated bill will also reflect the required rate reduction.

1 **Q. What rate classes contain charges that do not reflect the 15 percent rate**
2 **reduction over inflation-adjusted rates?**

3 A. Cambridge's Rate R-5, Rate G-1, Rate G-2, Rate G-3, Rate G-4 and Rate G-6 include
4 certain energy rate components that reflect less than a 15 percent rate reduction.

5 **Q. How will you assure that at least a 15 percent reduction will be realized by all**
6 **customers on such rate schedules?**

7 A. If Cambridge were to reduce these energy rate components to reflect the 15 percent
8 reduction level, it would incur a significant distribution rate shortfall. Cambridge
9 believes that, when combined with other rate components that provide for reductions
10 significantly greater than 15 percent, no customer taking service on these rates will
11 experience a reduction of less than 14 percent overall. Thus, the proposed rate design
12 is in conformance with the applicable reduction criteria.

13 **Q. Have you performed a summary of the historical and projected charges since**
14 **industry restructuring?**

15 A. Yes. Exhibits CAM-HCL-5 and COM-HCL-5 sets forth the proposed unbundled
16 charges for 2004 along with the history of unbundled charges under restructuring and
17 the projection of charges in future years reflecting current estimates of transition
18 charges and the scheduled changes in Standard Offer charges.

19 **Q. What inflation data has Cambridge and Commonwealth used to compute the**
20 **inflation adjustment?**

21 A. The inflation-adjustment calculation is set forth in Exhibits CAM-HCL-7 and COM-
22 HCL-7. The inflation adjustment is computed using the Consumer Price Index for all

1 Urban Consumers ("CPI-U"). Consistent with the Department's directives, the
2 inflation factor is calculated through June 30, 2004. Data through October 2003
3 reflect actual inflation data derived from the CPI-U published by the United States
4 Bureau of Labor Statistics. Inflation data for the period November 2003 through
5 June 2004 are projected based on the average inflation rate measured over the most
6 recent 12 months of actual data.

7 **Q. Have you provided typical bill calculations that compare proposed rates with**
8 **inflation adjusted pre-RAD rates?**

9 A. Yes. Exhibits CAM-HCL-8 and COM-HCL-8 set forth Cambridge and
10 Commonwealth's typical bill comparisons.

11 **Q. Does this conclude your testimony?**

12 A. Yes, it does.

NSTAR ELECTRIC	M.D.T.E. No. 220
CAMBRIDGE ELECTRIC LIGHT COMPANY	Cancels M.D.T.E. No. 802

Page 1 of 2

NSTAR ELECTRIC	M.D.T.E. No. 220A
CAMBRIDGE ELECTRIC LIGHT COMPANY	Cancels M.D.T.E. No. 220

Page 1 of 2

RESIDENTIAL

RATE R-1

AVAILABILITY

This rate is available for all domestic uses in a single private dwelling, in an individual apartment or in a residential condominium in which the principal means of heating the premises is not provided by permanently installed electric space heating equipment. Service under this rate to residential condominiums is available to the extent permitted by applicable regulations of the Massachusetts Department of Telecommunications and Energy. Service under this rate to any Customer is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be single-phase at approximately 120/240 or 120/208 volts.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$6.87 per month
Distribution:	2.434 cents per kilowatt-hour
Transition:	0.148\$7.57 per month
Distribution:	2.708 cents per kilowatt-hour
Transition:	0.251 cents per kilowatt-hour
Transmission:	2.3661.683 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer:	As in effect per Tariff
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Issued by:	Thomas J. May	Filed:	January 31, 2003
	President	Effective:	March 1, 2003

Issued by:	Thomas J. May	Filed:	December 3, 2003
	President	Effective:	January 1, 2004

NSTAR ELECTRIC	M.D.T.E. No. 220
CAMBRIDGE ELECTRIC LIGHT COMPANY	Cancels M.D.T.E. No. 802

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NSTAR ELECTRIC	M.D.T.E. No. 220A
CAMBRIDGE ELECTRIC LIGHT COMPANY	Cancels M.D.T.E. No. 220

Page 2 of 2

RESIDENTIAL

RATE R-1

Default Service:

As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

- Transition Cost Adjustment
- Transmission Service Cost Adjustment
- Pension Adjustment
- Energy Efficiency Charge
- Renewable Energy Charge
- Default Service Adjustment

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Issued by: Thomas J. May	Filed: January 31, 2003
President	Effective: March 1, 2003

Issued by: Thomas J. May	Filed: December 3, 2003
President	Effective: January 1, 2004

NSTAR ELECTRIC	M.D.T.E. No. 220
CAMBRIDGE ELECTRIC LIGHT COMPANY	Cancels M.D.T.E. No. 802

Page 1 of 2

NSTAR ELECTRIC	M.D.T.E. No. 220A
CAMBRIDGE ELECTRIC LIGHT COMPANY	Cancels M.D.T.E. No. 220

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RESIDENTIAL

RATE R-1

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service shall continue until terminated on 3 business days' notice by the Customer.

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President	Effective: March 1, 2003

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RESIDENTIAL ASSISTANCE

RATE R-2

AVAILABILITY

Upon written application, this rate is available to any Customer who meets the qualifications stated in the special provisions section of this rate for all domestic uses in a single private dwelling, in an individual apartment or in a condominium in which the principal means of heating the premises is not provided by permanently installed electric space heating equipment. Service under this rate to residential condominiums is available to the extent permitted by applicable regulations of the Massachusetts Department of Telecommunications and Energy (the "M.D.T.E."). Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

The Company will guarantee the Customer's payment to its designated supplier up to the prices that the Company charges to Customers for Standard Offer Service in accordance with the regulations established by the M.D.T.E. at 220 C.M.R. 11.05(3)(c).

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be single-phase at approximately 120/240 or 120/208 volts.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$4.51\$4.97	per month
Distribution:	0.2750.327	cents per kilowatt-hour
Transition:	0.1560.250	cents per kilowatt-hour
Transmission:	2.3661.683	cents per kilowatt-hour

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RESIDENTIAL ASSISTANCE

RATE R-2

Supplier Services: (Optional)

Standard Offer:

As in effect per Tariff

Default Service:

As in effect per Tariff

RATE PER MONTH (continued)

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

STANDARD OFFER SERVICE

Standard Offer Service is available under this tariff for existing or new Customers who have not yet chosen a supplier other than the Company on or after the retail access date, when retail choice becomes available to all customers. A Standard Offer Service Customer will pay the Rate for Standard Offer Service set forth above in addition to the Rates for Retail Delivery Service. Anytime after the retail access date, if the Customer has selected an energy supplier other than the Company, the Customer may elect to return to Standard Offer Service by so notifying the Company.

DEFAULT SERVICE

Any Customer who is not receiving Standard Offer Service, and does not have a current supplier, will receive Default Service from the Company in accordance with the terms and price for Default Service as approved by the M.D.T.E. A Customer under this rate shall be transferred upon request

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RESIDENTIAL ASSISTANCE

RATE R-2

from Default Service to Standard Offer Service at any time in accordance with the preceding section.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

SPECIAL PROVISIONS

- (1) A Customer will be eligible for this rate upon verification of a Customer's eligibility for the low-income home energy assistance program, or its successor program, or verification of a Customer's receipt of any means tested public benefit, for which eligibility does not exceed 175 percent of the federal poverty level based on a household's gross income, or other criteria approved by the M.D.T.E..

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RESIDENTIAL ASSISTANCE

RATE R-2

- (2) Customers who qualify for this rate shall be required each year to certify their continuing compliance with the terms hereof.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service shall continue until terminated on 3 business days' notice by the Customer.

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RESIDENTIAL SPACE HEATING

RATE R-3

AVAILABILITY

This rate is available for all domestic uses in a single private dwelling, in an individual apartment or in a residential condominium in which the principal means of heating the premises is provided by permanently installed electric space heating equipment. Service under this rate to residential condominiums is available to the extent permitted by applicable regulations of the Massachusetts Department of Telecommunications and Energy. Service under this rate to any Customer is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be single-phase at approximately 120/240 or 120/208 volts.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$7.77 \$8.57	per month
Distribution:	2.92 63.209	cents per kilowatt-hour
Transition:	0.13 30.250	cents per kilowatt-hour
Transmission:	2.78 31.980	cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

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RESIDENTIAL SPACE HEATING

RATE R-3

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

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RESIDENTIAL SPACE HEATING

RATE R-3

TERM

Service shall continue until terminated on 3 business days' notice by the Customer.

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RESIDENTIAL ASSISTANCE SPACE HEATING

RATE R-4

AVAILABILITY

Upon written application, this rate is available to any Customer meeting the qualifications stated in the special provisions section of this rate for all domestic uses in a single private dwelling, in an individual apartment or in a condominium in which the principal means of heating the premises is provided by permanently installed electric space heating equipment. Service under this rate to residential condominiums is available to the extent permitted by applicable regulations of the Massachusetts Department of Telecommunications and Energy (the "M.D.T.E."). Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

The Company will guarantee the Customer's payment to its designated supplier up to the prices that the Company charges to Customers for Standard Offer Service in accordance with the regulations established by the Department.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be single-phase at approximately 120/240 or 120/208 volts.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$5.09 <u>\$5.62</u>	per month
Distribution:	0.32 <u>0.549</u>	cents per kilowatt-hour
Transition:	0.18 <u>0.249</u>	cents per kilowatt-hour
Transmission:	2.78 <u>3.1980</u>	cents per kilowatt-hour

Supplier Services: (Optional)

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RESIDENTIAL ASSISTANCE SPACE HEATING

RATE R-4

Standard Offer:

As in effect per Tariff

Default Service:

As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

SPECIAL PROVISIONS

- (1) A Customer will be eligible for this rate upon verification of a Customer's eligibility for the low-income home energy assistance program, or its successor program, or verification of a Customer's receipt of any means tested public benefit, for which eligibility does not exceed 175 percent of the federal poverty level based on a household's gross income, or other criteria approved by the M.D.T.E..

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RESIDENTIAL ASSISTANCE SPACE HEATING

RATE R-4

- (2) Customers who qualify for this rate shall be required each year to certify their continuing compliance with the terms hereof.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service shall continue until terminated on 3 business days' notice by the Customer.

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OPTIONAL RESIDENTIAL TIME-OF-USE

RATE R-5

AVAILABILITY

Upon written application, this rate is available for all domestic uses in a single private dwelling, in an individual apartment or in a residential condominium in which the principal means of heating the premises is not provided by permanently installed electric space heating equipment. Service under this rate to residential condominiums is available to the extent permitted by applicable regulations of the Massachusetts Department of Telecommunications and Energy. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be single phase at approximately 120/240 or 120/208 volts.

RATE PER MONTH

Delivery Services:

Customer Charge: \$10.47 ~~per month~~ \$11.55 per month

Distribution:

Peak Load Period 9.28 ~~14.803~~ cents per kilowatt-hour
Low Load Period 0.116 ~~cents per kilowatt-hour~~

Transition:

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OPTIONAL RESIDENTIAL TIME-OF-USE

RATE R-5

Peak Load Period **1.326 cents per kilowatt-hour**

Transmission:
Peak Load Period **5.3133.815** **cents per kilowatt-hour**

RATE PER MONTH (continued)

Supplier Services: (Optional)

Standard Offer: **As in effect per Tariff**

Default Service: **As in effect per Tariff**

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment

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OPTIONAL RESIDENTIAL TIME-OF-USE

RATE R-5

Transmission Service Cost Adjustment

Pension Adjustment

Energy Efficiency Charge

Renewable Energy Charge

Default Service Adjustment

BILLING PERIODS

Peak Load Period:

During that portion of the year when eastern daylight savings time is in effect, the period beginning at 9:00 a.m. and ending at 6:00 p.m. on all weekdays, Monday through Friday.

During that portion of the year when eastern standard time is in effect, the period beginning at 4:00 p.m. and ending at 9:00 p.m. on all weekdays, Monday through Friday.

Low Load Period:

All hours not included in the Peak Load Period.

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

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President

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OPTIONAL RESIDENTIAL TIME-OF-USE

RATE R-5

TERM

Service under this rate shall be for a minimum term of 12 consecutive months and shall continue thereafter until terminated on 30 days' written notice by the Customer.

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OPTIONAL RESIDENTIAL SPACE HEATING TIME-OF-USE

RATE R-6

AVAILABILITY

Upon written application, this rate is available for all domestic uses in a single private dwelling, in an individual apartment or in a residential condominium in which the principal means of heating the premises is provided by permanently installed electric space heating equipment. Service under this rate to residential condominiums is available to the extent permitted by applicable regulations of the Massachusetts Department of Telecommunications and Energy. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be single phase at approximately 120/240 or 120/208 volts.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$11.37 per month <u>\$12.54 per month</u>
------------------	---

Distribution:

Peak Load Period	2.682 <u>23.544</u>	cents per kilowatt-hour
Low Load Period	0.379 <u>0.083</u>	cents per kilowatt-hour

Transition:

Peak Load Period	19.498 cents per kilowatt-hour
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OPTIONAL RESIDENTIAL SPACE HEATING TIME-OF-USE

RATE R-6

Transmission:		
Peak Load Period	<u>3.7382.108</u>	cents per kilowatt-hour
Low Load Period	<u>0.5330.251</u>	cents per kilowatt-hour

RATE PER MONTH (continued)

Supplier Services: (Optional)

Standard Offer:	As in effect per Tariff
-----------------	-------------------------

Default Service:	As in effect per Tariff
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Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment

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OPTIONAL RESIDENTIAL SPACE HEATING TIME-OF-USE

RATE R-6

Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

BILLING PERIODS

Peak Load Period:

During that portion of the year when eastern daylight savings time is in effect, the period beginning at 9:00 a.m. and ending at 6:00 p.m. on all weekdays, Monday through Friday.

During that portion of the year when eastern standard time is in effect, the period beginning at 4:00 p.m. and ending at 9:00 p.m. on all weekdays, Monday through Friday.

Low Load Period:

All hours not included in the Peak Load Period.

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

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OPTIONAL RESIDENTIAL SPACE HEATING TIME-OF-USE

RATE R-6

TERM

Service under this rate shall be for a minimum term of 12 consecutive months and shall continue thereafter until terminated on 30 days' written notice by the Customer.

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GENERAL (NON-DEMAND)

RATE G-0

AVAILABILITY

This rate is available for all non-residential uses of electricity to all Customers whose load for billing purposes does not exceed or is estimated not to exceed 10 kilowatts in any three (3) consecutive billing months. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be either single-phase at approximately 120/240 or 120/208 volts or three-phase at approximately 120/208 or 277/480 volts. In addition, the Company will provide service at approximately 575 volts to service locations existing prior to December 1, 1987.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$4.62	per month
Distribution:	2.075	cents per kilowatt-hour
Transition:	0.157	\$5.09 per month
Distribution:	2.324	cents per kilowatt-hour
Transition:	0.252	cents per kilowatt-hour
Transmission:	2.218	1.578 cents per kilowatt-hour

Supplier Services: (Optional)

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GENERAL (NON-DEMAND)

RATE G-0

Standard Offer: **As in effect per Tariff**

Default Service: **As in effect per Tariff**

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider,

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GENERAL (NON-DEMAND)

RATE G-0

as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service shall continue until terminated on 3 business days' written notice by the Customer.

Except for Customers engaging in net metering, Customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of March 1, 1995.

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CAMBRIDGE ELECTRIC LIGHT COMPANY

M.D.T.E. No. 231A
Cancels M.D.T.E. No. 231

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GENERAL

RATE G-1

AVAILABILITY

This rate is available for all non-residential uses of electricity to all Customers whose load for billing purposes is or is estimated to be greater than 10 kilowatts for three consecutive billing months but not greater than 100 kilowatts in each of 12 consecutive billing months. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be either single-phase at approximately 120/240 or 120/208 volts or three-phase at approximately 120/208 or 277/480 volts. In addition, the Company will provide service at approximately 575 volts to service locations existing prior to December 1, 1987.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$7.32 <u>\$8.07</u>	per month
Distribution (Demand):		
First 10 kilowatts	\$0.87 <u>\$3.33</u>	per kilowatt
Over 10 kilowatts	\$4.12 <u>\$6.91</u>	per kilowatt
Distribution (Energy)	0.815	cents per kilowatt-hour
Transition (Demand):	\$0.71 <u>\$1.07</u>	per kilowatt

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GENERAL

RATE G-1

Transmission (Demand): ~~\$6.59~~\$4.69 per kilowatt

Supplier Services: (Optional)

Standard Offer:	As in effect per Tariff
Default Service:	As in effect per Tariff

RATE PER MONTH (continued)

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

DETERMINATION OF BILLING DEMAND

The demand for billing purposes shall be the highest 15-minute demand in kilowatts established

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GENERAL

RATE G-1

during the billing month as measured on a suitable meter or as determined by any other accepted method, at the option of the Company. The demand shall be determined to the nearest whole kilowatt.

The demand shall be measured whenever the Customer's load is known or estimated to be 10 kilowatts or more as determined by the Company.

SPECIAL EQUIPMENT

Where Customers have connected to the Company's service welding apparatus, high frequency devices or other equipment of a nature to create high momentary loads and where the operation of such equipment is, in the Company's opinion, detrimental to the Company's service, a charge at the rate of \$5.95 per month per kilowatt or fraction thereof of installed capacity of such equipment will apply and will be added to the monthly bill. The installed capacities of such equipment will be determined from manufacturer's nameplate ratings or by measurement, at the option of the Company. Welding apparatus supplied through motor generators will not be considered in the application of this provision.

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

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GENERAL

RATE G-1

Service shall continue until terminated on 3 business days' written notice by the Customer.

Except for Customers engaging in net metering, customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of March 1, 1995.

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LARGE GENERAL TIME-OF-USE
SECONDARY SERVICE

RATE G-2

AVAILABILITY

This rate is available for all uses of electricity to Customers whose metered load exceeds or is estimated to exceed 100 kilowatts for at least 12 consecutive billing months. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, three-phase, alternating current service at either secondary or primary voltages under this rate schedule. As available and at the Company's option, such service shall be supplied at approximately 120/208, 277/480 or 2400/4160 volts. In addition, the Company will provide service at approximately 575 volts to service locations existing prior to December 1, 1987.

RATE PER MONTH

Delivery Services:

Customer Charge: ~~\$90.00~~\$99.40 per month

Distribution (Demand):

First 100 kilovolt-amperes ~~\$ 1.090.00~~ per kilovolt-ampere

Over 100 kilovolt-amperes ~~\$ 2.064.62~~ per kilovolt-ampere

Distribution (Energy):

~~0.493 cents per kilowatt-hour~~

Peak Load Period ~~0.556 cents per kilowatt-hour~~

Transition (Demand):

~~\$ 0.771.16~~ per kilovolt-ampere

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LARGE GENERAL TIME-OF-USE
SECONDARY SERVICE

RATE G-2

Transition (Energy):

Peak Load Period	0.1970.046	cents per kilowatt-hour
Low Load Period A	0.074	cents per kilowatt-hour
Low Load Period B	0.000	cents per kilowatt-hour

Transmission (Demand):

First 100 kilovolt-amperes	\$ 4.505.65	per kilovolt-ampere
Over 100 kilovolt-amperes	\$ 9.375.65	per kilovolt-ampere

RATE PER MONTH (continued)

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge

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LARGE GENERAL TIME-OF-USE
SECONDARY SERVICE

RATE G-2

Renewable Energy Charge
Default Service Adjustment

PRIMARY SERVICE

When the Customer takes service at the Company's available primary voltage (2400/4160 volts) and furnishes and maintains the necessary transforming, switching and protective equipment, a discount of three percent (3%) will apply to the delivery rates specified above.

When the Company meters electricity at primary voltage to a Customer taking primary voltage service, a discount of two percent (2%) will apply to the bill amount determined under all of the foregoing provisions of this rate schedule.

DETERMINATION OF BILLING DEMAND

The demand for billing purposes shall be the highest 15-minute demand in kilovolt-amperes established during the Peak Load Period of the billing month as measured on a suitable meter or as determined by any other accepted method, at the option of the Company, but shall not be less than 47% of the maximum 15-minute demand in kilovolt-amperes established during any billing period of the billing month.

BILLING PERIODS

Peak Load Period:

During that portion of the year when eastern daylight savings time is in effect, the period beginning at 9:00 a.m. and ending at 6:00 p.m. on all weekdays, Monday through Friday.

During that portion of the year when eastern standard time is in effect, the period beginning at 4:00 p.m. and ending at 9:00 p.m. on all weekdays, Monday through Friday.

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LARGE GENERAL TIME-OF-USE
SECONDARY SERVICE

RATE G-2

Low Load Period:

All hours not included in the Peak Load Period. The Low Load Period shall be further divided into 2 separate time periods as follows:

Low Load Period A:

All hours not included in the Peak Load Period or Low Load Period B.

Low Load Period B:

During both eastern daylight savings time and eastern standard time, the period beginning at 10:00 p.m. and ending at 7:00 a.m. on all weekdays, Monday through Friday, and all hours on Saturday and Sunday.

SPECIAL EQUIPMENT

Where Customers have connected to the Company's service welding apparatus, high frequency devices or other equipment of a nature to create high momentary loads and where the operation of such equipment is, in the Company's opinion, detrimental to the Company's service, a charge at the rate of \$5.85 per month per kilovolt-ampere or fraction thereof of installed capacity of such equipment will apply and will be added to the monthly bill. The installed capacities of such equipment will be determined from manufacturer's nameplate ratings or by measurement, at the option of the Company. Welding apparatus supplied through motor generators will not be considered in the application of this provision.

SPECIAL PROVISION

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LARGE GENERAL TIME-OF-USE
SECONDARY SERVICE

RATE G-2

Upon the request of a Customer, the Company may elect to supply service under this rate at approximately 13,800 volts at temporary service locations only.

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 12 consecutive months and shall continue thereafter until terminated on six months' written notice by the Customer.

Except for Customers engaging in net metering, Customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of March 1, 1995.

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LARGE GENERAL TIME-OF-USE
13.8 KV SERVICE

RATE G-3

AVAILABILITY

This rate is available for all uses of electricity to Customers whose metered load exceeds or is estimated to exceed 100 kilowatts for at least 12 consecutive billing months. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, three-phase, alternating current service at primary voltage under this rate schedule. As available and at the Company's option, such service shall be supplied at approximately 13,800 volts.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$90.00 <u>\$99.40</u>	per month
Distribution (Demand):		
First 100 kilovolt-amperes	No Charge	
Over 100 kilovolt-amperes	\$ 1.470 <u>.45</u>	per kilovolt-ampere
Transition (Demand):		
First 100 kilovolt-amperes	\$ 139.80 <u>110.00</u>	
Over 100 kilovolt-amperes	\$ 1.401 <u>.10</u>	per kilovolt-ampere
Transmission (Demand):		
First 100 kilovolt-amperes	\$ 468.00 <u>510.00</u>	

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LARGE GENERAL TIME-OF-USE
13.8 KV SERVICE

RATE G-3

Over 100 kilovolt-amperes	\$ <u>5.595.70</u>	per kilovolt-ampere
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RATE PER MONTH (continued)

Supplier Services: (Optional)

Standard Offer:	As in effect per Tariff
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Default Service:	As in effect per Tariff
------------------	-------------------------

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge

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LARGE GENERAL TIME-OF-USE
13.8 KV SERVICE

RATE G-3

Default Service Adjustment

DETERMINATION OF BILLING DEMAND

The demand for billing purposes shall be the highest 15-minute demand in kilovolt-amperes established during the Peak Load Period of the billing month as measured on a suitable meter or as determined by any other accepted method, at the option of the Company, but shall not be less than 26% of the maximum 15-minute demand in kilovolt-amperes established during any billing period of the billing month.

BILLING PERIODS

Peak Load Period:

During that portion of the year when eastern daylight savings time is in effect, the period beginning at 9:00 a.m. and ending at 6:00 p.m. on all weekdays, Monday through Friday.

BILLING PERIODS (continued)

Peak Load Period:

During that portion of the year when eastern standard time is in effect, the period beginning at 4:00 p.m. and ending at 9:00 p.m. on all weekdays, Monday through Friday.

Low Load Period:

All hours not included in the Peak Load Period. The Low Load Period shall be further

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13.8 KV SERVICE

RATE G-3

divided into 2 separate time periods as follows:

Low Load Period A:

All hours not included in the Peak Load Period or Low Load Period B.

Low Load Period B:

During both eastern daylight savings time and eastern standard time, the period beginning at 10:00 p.m. and ending at 7:00 a.m. on all weekdays, Monday through Friday, and all hours on Saturday and Sunday.

SPECIAL EQUIPMENT

Where Customers have connected to the Company's service welding apparatus, high frequency devices or other equipment of a nature to create high momentary loads and where the operation of such equipment is, in the Company's opinion, detrimental to the Company's service, a charge at the rate of \$2.47 per month per kilovolt-ampere or fraction thereof of installed capacity of such equipment will apply and will be added to the monthly bill. The installed capacities of such equipment will be determined from manufacturer's nameplate ratings or by measurement, at the option of the Company. Welding apparatus supplied through motor generators will not be considered in the application of this provision.

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider,

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13.8 KV SERVICE

RATE G-3

as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 12 consecutive months and shall continue thereafter until terminated on six months' written notice by the Customer.

Except for Customers engaging in net metering, Customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of March 1, 1995.

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OPTIONAL GENERAL TIME-OF-USE

RATE G-4

AVAILABILITY

Upon written application and the execution of an electric service agreement, this rate is available for all non-residential uses of electricity to Customers who take all of their electric service through a single meter, subject to the availability of time-of-use meters as determined by the Company. This rate is not available when Customer's load for billing purposes either exceeds or is estimated to exceed 100 kilowatts in each of 12 consecutive billing months. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be either single-phase at approximately 120/240 or 120/208 volts or three-phase at approximately 120/208 or 277/480 volts. In addition, the Company will provide service at approximately 575 volts to service locations existing prior to December 1, 1987.

RATE PER MONTH

Delivery Services:

Customer Charge: \$ ~~10.92~~12.04 per month

Distribution (Demand):
Peak Load Period \$ ~~1.14~~1.44.98 per kilowatt

Distribution (Energy):
Peak Load Period ~~0.72~~ cents per kilowatt-hour

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OPTIONAL GENERAL TIME-OF-USE

RATE G-4

Low Load Period 0.499 Period 0.254 cents

Transition (Demand): \$0.86 per kilowatt

Transmission (Demand):
Peak Load Period \$ 6.454.59 per kilowatt

RATE PER MONTH (continued)

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge

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OPTIONAL GENERAL TIME-OF-USE

RATE G-4

Default Service Adjustment

DETERMINATION OF BILLING DEMAND

The demand for billing purposes shall be the highest 15-minute demand in kilowatts established during the Peak Load Period of the billing month as measured on a suitable meter or as determined by any other accepted method, at the option of the Company. The demand shall be determined to the nearest whole kilowatt.

BILLING PERIODS

Peak Load Period:

During that portion of the year when eastern daylight savings time is in effect, the period beginning at 9:00 a.m. and ending at 6:00 p.m. on all weekdays, Monday through Friday.

BILLING PERIODS (continued)

Peak Load Period:

During that portion of the year when eastern standard time is in effect, the period beginning at 4:00 p.m. and ending at 9:00 p.m. on all weekdays, Monday through Friday.

Low Load Period:

All hours not included in the Peak Load Period.

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OPTIONAL GENERAL TIME-OF-USE

RATE G-4

SPECIAL EQUIPMENT

Where Customers have connected to the Company's service welding apparatus, high frequency devices or other equipment of a nature to create high momentary loads and where the operation of such equipment is, in the Company's opinion, detrimental to the Company's service, a charge at the rate of \$5.95 per month per kilowatt or fraction thereof of installed capacity of such equipment will apply and will be added to the monthly bill. The installed capacities of such equipment will be determined from manufacturer's nameplate ratings or by measurement, at the option of the Company. Welding apparatus supplied through motor generators will not be considered in the application of this provision.

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 12 consecutive months and shall continue

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OPTIONAL GENERAL TIME-OF-USE

RATE G-4

thereafter until terminated on 30 days' written notice by the Customer.

Except for Customers engaging in net metering, Customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of March 1, 1995.

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COMMERCIAL SPACE HEATING

RATE G-5 (Closed)

AVAILABILITY

This rate is available only at existing service locations to Customers who were taking service hereunder prior to December 1, 1985 for electric space heating through a separate meter where electricity is the sole means of heating the premises. All space heating equipment shall be permanently installed. Heat pumps may be used for both heating and air conditioning. Incidental water heating, not including central kitchen or laundry use, may be included in this service at the Company's option. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be either single-phase at approximately 120/240 or 120/208 volts or three-phase at approximately 120/208 or 277/480 volts.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$7.20 <u>\$7.94</u>	per month
Distribution:		
First 5,000 kilowatt-hours	0.38 <u>0.477</u>	cents per kilowatt-hour
Over 5,000 kilowatt-hours	0.77 <u>1.007</u>	cents per kilowatt-hour
Transition:	0.11 <u>0.250</u>	cents per kilowatt-hour
Transmission:		
First 5,000 kilowatt-hours	2.07 <u>1.475</u>	cents per kilowatt-hour

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NSTAR ELECTRIC

CAMBRIDGE ELECTRIC LIGHT COMPANY

M.D.T.E. No. 235

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COMMERCIAL SPACE HEATING

RATE G-5

(Closed)

Over 5,000 kilowatt-hours

2.9192.076

cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer:

As in effect per Tariff

Default Service:

As in effect per Tariff

RATE PER MONTH (continued)

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment

Transmission Service Cost Adjustment

Pension Adjustment

Energy Efficiency Charge

Renewable Energy Charge

Default Service Adjustment

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

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COMMERCIAL SPACE HEATING

**RATE G-5
(Closed)**

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service shall continue until terminated on 3 business days' written notice by the Customer.

Except for Customers engaging in net metering, Customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of March 1, 1995.

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OPTIONAL GENERAL TIME-OF-USE (NON-DEMAND)

RATE G-6

AVAILABILITY

Upon written application and the execution of an electric service agreement, this rate is available for all non-residential uses of electricity to Customers who take all of their electric service through a single meter, subject to the availability of time-of-use meters as determined by the Company. This rate is not available when Customer's load for billing purposes either exceeds or is estimated to exceed 10 kilowatts in any 3 consecutive billing months. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be either single-phase at approximately 120/240 or 120/208 volts or three-phase at approximately 120/208 or 277/480 volts. In addition, the Company will provide service at approximately 575 volts to service locations existing prior to December 1, 1987.

RATE PER MONTH

Delivery Services:

Customer Charge: \$ 8.229.06 per month

Distribution:

Peak Load Period 5.058 cents per kilowatt-hour
Low Load Period 0.827 Period 7.883 cents per
kilowatt-hour

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OPTIONAL GENERAL TIME-OF-USE (NON-DEMAND)

RATE G-6

Transition:

Peak Load Period

0.6350.857

cents per kilowatt-hour

Transmission:

Peak Load Period

7.5225.350

cents per kilowatt-hour

RATE PER MONTH (continued)

Supplier Services: (Optional)

Standard Offer:

As in effect per Tariff

Default Service:

As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment

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OPTIONAL GENERAL TIME-OF-USE (NON-DEMAND)

RATE G-6

Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

BILLING PERIODS

Peak Load Period:

During that portion of the year when eastern daylight savings time is in effect, the period beginning at 9:00 a.m. and ending at 6:00 p.m. on all weekdays, Monday through Friday.

During that portion of the year when eastern standard time is in effect, the period beginning at 4:00 p.m. and ending at 9:00 p.m. on all weekdays, Monday through Friday.

BILLING PERIODS (continued)

Low Load Period:

All hours not included in the Peak Load Period.

TERMS OF PAYMENT

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OPTIONAL GENERAL TIME-OF-USE (NON-DEMAND)

RATE G-6

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 12 consecutive months and shall continue thereafter until terminated on 30 days' written notice by the Customer.

Except for Customers engaging in net metering, Customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of March 1, 1995.

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STANDBY SERVICE

RATE SB-1 (13.8 kV)

AVAILABILITY

Upon written application and the execution of an electric service agreement, service is available under this rate to any Customer with an alternative source of power who requests firm delivery of standby service and for whom the Company has an obligation to serve. The Company must have the ability to meter the alternative source of power. Standby Service is intended to deliver to the Customer a replacement supply of power when the Customer's alternative source of power is either partially or totally unavailable. A Customer requesting Standby Service is required to take service under this rate schedule if the Customer's alternative source of power (1) exceeds 100 kilowatts, and (2) supplies at least 20 percent of the Customer's total integrated electrical load. Standby Service is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, three phase, alternating current service at primary voltage under this rate schedule. As available and at the Company's option, such service shall be supplied at approximately 13,800 volts.

DEFINITIONS

- A. **"Actual Metered Demand"** for any billing month means the demand as determined periodically in accordance with the provisions of the Otherwise Applicable Rate Schedule as measured by the Company's billing meter or meters located at the interconnection point of the Company's facilities and the Customer's facilities during the billing month.
- B. **"Actual Metered Energy"** for any billing month means the sum of the energy associated with the Actual Metered Demands.
- C. **"Alternative Power"** means the power in kilovolt-amperes (kVa) measured by the meter or meters located at the interconnection of the Alternative Source of Power and the Customer's

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STANDBY SERVICE

RATE SB-1 (13.8 kV)

internal load. The basis for determining the quantity of kVa of Alternative Power shall be consistent with the provisions for determining billing demand as stated in the Otherwise Applicable Rate Schedule.

- D. "Alternative Source of Power" refers to the source, and the Customer's entitlement to such source from which the Customer receives power.

DEFINITIONS (continued)

- E. "Internal Customer Demand" means the sum of the coincident amount of Actual Metered Demand and Alternative Power.
- F. "Maintenance Energy" means the Actual Metered Energy minus the delivered Supplemental Energy during the period when Maintenance Service is provided to the Customer.
- G. "Maintenance Service" means the electric energy or capacity delivered by the Company to replace energy or capacity ordinarily provided by the facilities that make up the Customer's Alternative Source of Power when such facilities are withdrawn from service for Scheduled Maintenance.
- H. "Otherwise Applicable Rate Schedule" refers to the rate schedule under which the Customer would have received delivery of electric service from the Company if the Customer had no Alternative Source of Power.
- I. "Peak Period" shall be as defined in the Otherwise Applicable Rate Schedule.
- J. "Replacement Demand" for any billing month means the difference between the coincident amounts of the lesser of either the Standby Contract Demand, or the Internal Customer Demand, and the Alternative Power. The Replacement Demand shall be determined periodically in accordance with the billing demand provisions of the Otherwise Applicable

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STANDBY SERVICE

RATE SB-1 (13.8 kV)

Rate Schedule but shall not be less than zero.

- K. **"Replacement Energy"** for any billing month means the sum of the energy associated with the Replacement Demands less Maintenance Energy during the billing month.
- L. **"Scheduled Maintenance"** means maintenance performed in accordance with the following provisions: (1) maintenance is not scheduled during the Peak Period of the months January, July, August and December; (2) unless specifically approved by the Company, maintenance will not be provided for more than four consecutive weeks per request; (3) the Customer provides the Company with a preliminary written maintenance schedule by December 1 of each year; (4) the Company approves the maintenance schedule; and (5) the Customer provides written notification to the Company of the dates and duration of the outage 30 days prior to the actual outage. If a Customer's maintenance is not performed in accordance with the defined provisions, it will be billed at the Standby Service Rate Schedule.

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STANDBY SERVICE

RATE SB-1 (13.8 kV)

DEFINITIONS (continued)

- M. **"Standby Contract Demand"** means the specified maximum firm Replacement Demand that the Customer may take from the Company. The Standby Contract Demand shall be specified separately for the winter and summer periods and may not exceed the Customer's Alternative Source of Power.
- N. **"Standby Service"** means electric energy and capacity delivered by the Company to replace electric energy and capacity ordinarily provided by the Customer's Alternative Source of Power when such source of power is unavailable.
- O. **"Supplemental Demand"** for any billing month means the excess of the coincident amounts of Internal Customer Demand over the Standby Contract Demand. The Supplemental Demand will be determined periodically in accordance with the billing demand provisions of the Otherwise Applicable Rate Schedule but shall not be less than zero.
- P. **"Supplemental Energy"** for any billing month means the sum of energy associated with the Supplemental Demands of the billing month less the energy associated with the excess of the Alternative Power over the Standby Contract Demand.
- Q. **"Supplemental Service"** means electric energy or capacity delivered under normal conditions by the Company to meet the Customer's load in addition to capacity and energy which is being supplied by the Customer's Alternative Source of Power.

RATE PER MONTH

Delivery Services:

- A. Administrative Charge: ~~\$270.00~~\$297.82 per month
- B. Customer Charge: ~~\$511.00~~\$562.88 per month

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STANDBY SERVICE

RATE SB-1 (13.8 kV)

- C. Transmission Capacity Charge: \$1.32 per kVa times the maximum 15-minute Replacement Demand for the billing month.**

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STANDBY SERVICE

RATE SB-1 (13.8 kV)

RATE PER MONTH (continued)

D. Peak Period Capacity Charge:

Transmission: ~~\$8.79~~\$1.51 per kVa times the maximum 15-minute
Replacement Demand established during the Peak
Period of the billing month;

E. Transmission Capacity Reservation Charge:

The minimum monthly charge for transmission capacity shall not be less
than \$0.36 per kVa of Standby Contract Demand.

The total charges for transmission capacity in each month shall be the greater of the charges under
D. or under E.

F. Transition Charge: 0.000 cents per kilowatt-hour.

Supplier Services:(Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

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STANDBY SERVICE

RATE SB-1 (13.8 kV)

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

OTHER PROVISIONS

- A. All electricity delivered to the Customer by the Company will be measured by meters installed at a single location, except where the Company deems it impractical to deliver electricity through one service, in which case the measurement of electricity may be accomplished by totaling meters from two or more locations.
- B. The Customer shall furnish at its expense a connection whereby the Company can meter the Customer's Alternative Source of Power at the interconnection of the Alternative Source of Power with the Customer's internal load.
- C. All electricity delivered shall be for the exclusive use of the Customer and shall not be resold.
- D. The Customer shall be assessed no more than one Administrative Charge for Standby, Maintenance and Supplemental Service. Therefore, if a Customer receives one such service, no additional Administrative Charge will be assessed for either or both of the remaining two services.
- E. The Customer shall be assessed no more than one Customer Charge for Standby, Maintenance, and Supplemental Service. Therefore, if a Customer receives one such service, no additional Customer Charge will be assessed for the second service. The

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RATE SB-1 (13.8 kV)

applicable Customer Charge shall be that contained in the Standby and Maintenance Service Rates.

- F. If the Company delivers Maintenance Service to the Customer, the following will apply during the period when Maintenance Service is delivered: (1) the Transmission Capacity Charge will apply only if such charge is not otherwise billed under Standby Service during the billing month; and (2) the maximum Replacement Demand used to calculate the Peak Period Capacity charge shall be zero.
- G. The Customer shall be subject to the provisions of the Company's Requirements For Interconnection as they exist from time to time.

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERM OF PAYMENT

Charges are net and payable upon presentation of the Company's bill.

TERM

Service under this rate shall be in accordance with the provisions of the Otherwise Applicable Rate

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STANDBY SERVICE

RATE SB-1 (13.8 kV)

Schedule.

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MAINTENANCE SERVICE

RATE MS-1 (13.8 kV)

AVAILABILITY

Upon written application and the execution of an electric service agreement, service is available under this rate to any Customer with an alternative source of power who requests the delivery of maintenance service and for whom the Company has an obligation to serve. The Company must have the ability to meter the alternative source of power. Maintenance Service is intended to deliver to the Customer electric energy and capacity to replace energy and capacity ordinarily generated by the facilities that make up the Customer's alternative source of power when such facilities are withdrawn from service for maintenance scheduled in accordance with defined provisions. A Customer requesting Maintenance Service is required to take service under this rate schedule if the Customer's alternative source of power (1) exceeds 100 kilowatts, and (2) supplies at least 20 percent of their total integrated electrical load. Maintenance Service is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, three phase, alternating current service at primary voltage under this rate schedule. As available and at the Company's option, such service shall be supplied at approximately 13,800 volts.

DEFINITIONS

- A. **"Actual Metered Demand"** for any billing month means the demand as determined periodically in accordance with the provisions of the Otherwise Applicable Rate Schedule as measured by the Company's billing meter or meters located at the interconnection point of the Company's facilities and the Customer's facilities during the billing month.
- B. **"Actual Metered Energy"** for any billing month means the sum of the energy associated with the Actual Metered Demands.
- C. **"Alternative Power"** means the power in kilovolt-amperes (kVa) measured by the meter or meters located at the interconnection of the Alternative Source of Power and the Customer's

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RATE MS-1 (13.8 kV)

internal load. The basis for determining the quantity of kVa of Alternative Power shall be consistent with the provisions for determining billing demand as stated in the Otherwise Applicable Rate Schedule.

- D. **“Alternative Source of Power”** refers to the source, and the Customer’s entitlement to such source from which the Customer receives power.

DEFINITIONS (continued)

- E. **“Internal Customer Demand”** means the sum of the coincident amount of Actual Metered Demand and Alternative Power.
- F. **“Maintenance Energy”** means the Actual Metered Energy minus the delivered Supplemental Energy during the period when Maintenance Service is provided to the Customer.
- G. **“Maintenance Service”** means the electric energy or capacity delivered by the Company to replace energy or capacity ordinarily provided by the facilities that make up the Customer’s Alternative Source of Power when such facilities are withdrawn from service for Scheduled Maintenance.
- H. **“Otherwise Applicable Rate Schedule”** refers to the rate schedule under which the Customer would have received delivery of electric service from the Company if the Customer had no Alternative Source of Power.
- I. **“Peak Period”** shall be as defined in the Otherwise Applicable Rate Schedule.
- J. **“Replacement Demand”** for any billing month means the difference between the coincident amounts of the lesser of either the Standby Contract Demand, or the Internal Customer Demand, and the Alternative Power. The Replacement Demand shall be determined periodically in accordance with the billing demand provisions of the Otherwise Applicable Rate Schedule but shall not be less than zero.

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MAINTENANCE SERVICE

RATE MS-1 (13.8 kV)

- K. **"Replacement Energy"** for any billing month means the sum of the energy associated with the Replacement Demands less Maintenance Energy during the billing month.
- L. **"Scheduled Maintenance"** means maintenance performed in accordance with the following provisions: (1) maintenance is not scheduled during the Peak Period of the months January, July, August and December; (2) unless specifically approved by the Company, maintenance will not be provided for more than four consecutive weeks per request; (3) the Customer provides the Company with a preliminary written maintenance schedule by December 1 of each year; (4) the Company approves the maintenance schedule; and (5) the Customer provides written notification to the Company of the dates and duration of the outage 30 days prior to the actual outage. If a Customer's maintenance is not performed in accordance with the defined provisions, it will be billed at the Standby Service Rate Schedule.

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MAINTENANCE SERVICE

RATE MS-1 (13.8 kV)

DEFINITIONS (continued)

- M. **"Standby Contract Demand"** means the specified maximum firm Replacement Demand that the Customer may take from the Company. The Standby Contract Demand shall be specified separately for the winter and summer periods and may not exceed the Customer's Alternative Source of Power.
- N. **"Standby Service"** means electric energy and capacity delivered by the Company to replace electric energy and capacity ordinarily provided by the Customer's Alternative Source of Power when such source of power is unavailable.
- O. **"Supplemental Demand"** for any billing month means the excess of the coincident amounts of Internal Customer Demand over the Standby Contract Demand. The Supplemental Demand will be determined periodically in accordance with the billing demand provisions of the Otherwise Applicable Rate Schedule but shall not be less than zero.
- P. **"Supplemental Energy"** for any billing month means the sum of energy associated with the Supplemental Demands of the billing month less the energy associated with the excess of the Alternative Power over the Standby Contract Demand.
- Q. **"Supplemental Service"** means electric energy or capacity delivered under normal conditions by the Company to meet the Customer's load in addition to capacity and energy which is being supplied by the Customer's Alternative Source of Power.

RATE PER MONTH

Delivery Services:

- A. **Administrative Charge:** ~~\$270.00~~**\$297.82** per month
- B. **Customer Charge:** ~~\$511.00~~**\$562.88** per month
- C. **Transmission Capacity Charge:** \$1.32 per kVa times the maximum 15-minute

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Replacement Demand for the billing month.

D. Transition Charge: 0.000 cents per kilowatt-hour

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MAINTENANCE SERVICE

RATE MS-1 (13.8 kV)

RATE PER MONTH (continued)

Supplier Services:(Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

OTHER PROVISIONS

- A. All electricity delivered to the Customer by the Company will be measured by meters installed at a single location, except that where the company deems it impractical to deliver electricity through one service, the measurement of electricity may be accomplished by totaling meters from two or more locations. When the Customer's generating facilities are capable of operating in parallel with the Company's supply, the Customer shall furnish at its expense, a connection whereby the Company can meter the output of the Customer's generating facilities.
- B. All electricity delivered shall be for the exclusive use of the Customer and shall not be resold.
- C. The Customer shall be assessed no more than one Administrative Charge for Standby, Maintenance and Supplemental Service. Therefore, if a Customer receives one such service,

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MAINTENANCE SERVICE

RATE MS-1 (13.8 kV)

no additional Administrative Charge will be assessed for either or both of the remaining two services.

- D. The Customer shall be assessed no more than one Customer Charge for Standby, Maintenance, and Supplemental Service. Therefore, if a Customer receives one such service, no additional Customer Charge will be assessed for the second service. The applicable Customer Charge shall be that contained in the Standby and Maintenance Service Rates.

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MAINTENANCE SERVICE

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OTHER PROVISIONS (continued)

- E. If the Customer also receives Standby Service from the Company, the following will apply during the period when Maintenance Service is taken: (1) the Transmission Capacity Charge will apply only if such charge is not otherwise billed under Standby Service during the billing month; and (2) the maximum Replacement Demand used to calculate the Peak Period Capacity Charge shall be zero.**
- F. The Customer shall be subject to the provisions of the Company's Requirements For Interconnection as they exist from time to time.**

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERM OF PAYMENT

Charges are net and payable upon presentation of the Company's bill.

TERM

Service under this rate shall be in accordance with the provisions of the Otherwise Applicable Rate Schedule.

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SUPPLEMENTAL SERVICE

RATE SS-1 (13.8 kV)

AVAILABILITY

Upon written application and the execution of an electric service agreement, service is available under this rate to any Customer with an alternative source of power who requests the delivery of supplemental service and for whom the Company has an obligation to serve. The Company must have the ability to meter the alternative source of power. Supplemental Service is intended to deliver power to supplement the output of the Customer's alternative source of power where the alternative source of power is less than the Customer's maximum electrical load. A Customer requesting Supplemental Service is required to take service under this rate schedule if the Customer's alternative source of power (1) exceeds 100 kilowatts, and (2) supplies at least 20 percent of the Customer's total integrated electrical load. Standby Service is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, three phase, alternating current service at primary voltage under this rate schedule. As available and at the Company's option, such service shall be supplied at approximately 13,800 volts.

DEFINITIONS

- A. **"Actual Metered Demand"** for any billing month means the demand as determined periodically in accordance with the provisions of the Otherwise Applicable Rate Schedule as measured by the Company's billing meter or meters located at the interconnection point of the Company's facilities and the Customer's facilities during the billing month.
- B. **"Actual Metered Energy"** for any billing month means the sum of the energy associated with the Actual Metered Demands.
- C. **"Alternative Power"** means the power in kilovolt-amperes (kVa) measured by the meter or meters located at the interconnection of the Alternative Source of Power and the Customer's

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internal load. The basis for determining the quantity of kVa of Alternative Power shall be consistent with the provisions for determining billing demand as stated in the Otherwise Applicable Rate Schedule.

- D. **“Alternative Source of Power”** refers to the source, and the Customer’s entitlement to such source from which the Customer receives power.

DEFINITIONS (continued)

- E. **“Internal Customer Demand”** means the sum of the coincident amount of Actual Metered Demand and Alternative Power.
- F. **“Maintenance Energy”** means the Actual Metered Energy minus the delivered Supplemental Energy during the period when Maintenance Service is provided to the Customer.
- G. **“Maintenance Service”** means the electric energy or capacity delivered by the Company to replace energy or capacity ordinarily provided by the facilities that make up the Customer’s Alternative Source of Power when such facilities are withdrawn from service for Scheduled Maintenance.
- H. **“Otherwise Applicable Rate Schedule”** refers to the rate schedule under which the Customer would have received delivery of electric service from the Company if the Customer had no Alternative Source of Power.
- I. **“Peak Period”** shall be as defined in the Otherwise Applicable Rate Schedule.
- J. **“Replacement Demand”** for any billing month means the difference between the coincident amounts of the lesser of either the Standby Contract Demand, or the Internal Customer Demand, and the Alternative Power. The Replacement Demand shall be determined

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periodically in accordance with the billing demand provisions of the Otherwise Applicable Rate Schedule but shall not be less than zero.

- K. **"Replacement Energy"** for any billing month means the sum of the energy associated with the Replacement Demands less Maintenance Energy during the billing month.
- L. **"Scheduled Maintenance"** means maintenance performed in accordance with the following provisions: (1) maintenance is not scheduled during the Peak Period of the months January, July, August and December; (2) unless specifically approved by the Company, maintenance will not be provided for more than four consecutive weeks per request; (3) the Customer provides the Company with a preliminary written maintenance schedule by December 1 of each year; (4) the Company approves the maintenance schedule; and (5) the Customer provides written notification to the Company of the dates and duration of the outage 30 days prior to the actual outage. If a Customer's maintenance is not performed in accordance with the defined provisions, it will be billed at the Standby Service Rate Schedule.

DEFINITIONS (continued)

- M. **"Standby Contract Demand"** means the specified maximum firm Replacement Demand that the Customer may take from the Company. The Standby Contract Demand shall be specified separately for the winter and summer periods and may not exceed the Customer's Alternative Source of Power.
- N. **"Standby Service"** means electric energy and capacity delivered by the Company to replace electric energy and capacity ordinarily provided by the Customer's Alternative Source of Power when such source of power is unavailable.
- O. **"Supplemental Demand"** for any billing month means the excess of the coincident amounts of Internal Customer Demand over the Standby Contract Demand. The Supplemental Demand will be determined periodically in accordance with the billing demand provisions of the Otherwise Applicable Rate Schedule but shall not be less than zero.

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- P. **"Supplemental Energy"** for any billing month means the sum of energy associated with the Supplemental Demands of the billing month less the energy associated with the excess of the Alternative Power over the Standby Contract Demand.
- Q. **"Supplemental Service"** means electric energy or capacity delivered under normal conditions by the Company to meet the Customer's load in addition to capacity and energy which is being supplied by the Customer's Alternative Source of Power.

RATE PER MONTH

Delivery Services:

- A. **Administrative Charge:** ~~\$270.00~~ **\$297.82** per month
- B. **Customer Charge:** Will be billed in accordance with the provisions of the Otherwise Applicable Rate Schedule.
- C. **Demand Charge:** Will be billed in accordance with the provisions of the Otherwise Applicable Rate Schedule.
- D. **Energy Charge:** Will be billed in accordance with the provisions of the Otherwise Applicable Rate Schedule.

RATE PER MONTH (continued)

- E. **Transition Charge:** Will be billed in accordance with the provisions of the Otherwise Applicable Rate Schedule.
- Supplier Services: (Optional)** Will be billed in accordance with the provisions of the Otherwise Applicable Rate Schedule.

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SUPPLEMENTAL SERVICE

RATE SS-1 (13.8 kV)

RATE ADJUSTMENTS

Will be billed in accordance with the provisions of the Otherwise Applicable Rate Schedule.

OTHER PROVISIONS

- A. All electricity delivered to the Customer by the Company will be measured by meters installed at a single location, except where the Company deems it impractical to deliver electricity through one service, in which case the measurement of electricity may be accomplished by totaling meters from two or more locations.**
- B. The Customer shall furnish at its expense a connection whereby the Company can meter the output of the Customer's Alternative Source of Power.**
- C. All electricity delivered shall be for the exclusive use of the Customer and shall not be resold.**
- D. The Customer shall be assessed no more than one Administrative Charge for Standby, Maintenance and Supplemental Service. Therefore, if a Customer receives one such service, no additional Administrative Charge will be assessed for either or both of the remaining two services.**
- E. The Customer shall be assessed no more than one Customer Charge for Standby, Maintenance, and Supplemental Service. Therefore, if a Customer receives one such service, no additional Customer Charge will be assessed for the second service. The applicable Customer Charge shall be that contained in the Standby and Maintenance Service Rates.**
- F. If the Customer also receives Maintenance Service from the Company, the following will apply during the period when Maintenance Service is taken: (1) the Transmission Capacity Charge will only apply if such charge is not otherwise billed under Standby Service during the billing month; and (2) the maximum Replacement Demand used to calculate the Peak Period Capacity Charge shall be zero.**

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SUPPLEMENTAL SERVICE

RATE SS-1 (13.8 kV)

OTHER PROVISIONS (continued)

- G. The Customer shall be subject to the provisions of the Company's Requirements For Interconnection as they exist from time to time.

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERM OF PAYMENT

Charges are net and payable upon presentation of the Company's bill.

TERM

Service under this rate shall be in accordance with the provisions of the Otherwise Applicable Rate Schedule.

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OUTDOOR LIGHTING

RATE S-1

AVAILABILITY

Upon written application and the execution of an Outdoor Lighting Service Agreement, outdoor lighting services are available under this rate schedule to any Customer for approximately 4,000 hours of operation per year. Street lighting service under this rate is available to public authorities for street, highway, bridge, parkway and adjacent area lighting. Area lighting and floodlighting services are available hereunder for other outdoor lighting applications. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

STREET LIGHTING SERVICE

Delivery Services:

- A. Basic Annual Charges apply to overhead connected lighting units on poles carrying other electric power circuits.

	<u>Nominal Rating</u>		<u>Basic Annual Charges</u>			
	<u>Lumens</u>	<u>Watts</u>	<u>Luminaire Charge</u>	<u>Transmission Charge</u>		
Incandescent*	1,000	-	\$109.54	\$7.80	\$121.29	\$5.52
	2,500	-	98.40	15.00	109.14	10.68
	6,000	-	94.36	33.12	105.46	23.64
Mercury	4,200	100	87.45	9.72	96.93	6.96
	8,600	175	83.41	15.96	92.69	11.40
	12,100	250	76.60	22.32		
	22,500	400	76.59	35.16	85.47	15.84
	22,500	400	85.98	24.96		

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C. Additional Annual Charges and Credits

The additional annual charges or credits identified below are applicable to service furnished by means other than overhead connected lighting units on poles carrying other electric power circuits.

1. Lighting units installed prior to December 1, 1985:

- a. Where a street lighting unit was installed on a standard pole with an underground service connection, and the Company installed and owns and maintains the standard pole, underground cable, conduit, manholes and sub-base, a charge of ~~\$192.24~~\$212.05 per year shall apply to each such unit in addition to any other applicable charges under this rate schedule.
- b. Where the Customer furnished and installed and owns and maintains the conduit, manholes, and sub-base for a street lighting unit installed on a standard pole, a credit of ~~\$140.88~~\$155.46 per year will apply to the additional charges provided for in paragraph 1 above for each such unit.

C. Additional Annual Charges and Credits (continued)

1. Lighting units installed prior to December 1, 1985: (continued)

- c. Where the Company extended its secondary voltage underground distribution system in order to provide an underground service connection hereunder, a charge of ~~\$45.96~~\$50.63 per year shall apply to each street lighting fixture so connected in addition to any other applicable charges under this rate schedule. The Company

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will no longer provide this service.

2. Lighting units installed on or after December 1, 1985:

- a. Where a street lighting unit is installed on a standard pole with an underground service connection, and the Company installs, owns and maintains the standard pole, underground cable, conduit, manholes and sub-base, a charge of ~~\$482.76~~\$532.51 per year shall apply to each such unit in addition to any other applicable charges under this rate schedule.
- b. Where the Customer furnishes, installs, owns and maintains the conduit, manholes, and sub-base for a street lighting unit installed on a standard pole, a credit of ~~\$274.32~~\$302.59 per year will apply to the additional charges provided for in paragraph 1 above for each such unit.

FLOODLIGHTING SERVICE

Delivery Services:

- A. Basic Annual Charges apply to overhead connected lighting units on poles carrying other electric power circuits.

<u>Watts</u>	<u>Nominal Rating</u>		<u>Basic Annual Charges</u>		<u>Lumens</u>
			<u>Luminaire Charge</u>	<u>Transmission Charge</u>	
Mercury	22,500	400	\$181.17	\$34.56 <u>\$201.42</u>	\$24.60
	63,000	1,000	144.34	82.44 <u>162.82</u>	58.68

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FLOODLIGHTING SERVICE (continued)

Delivery Services: (continued)

	<u>Nominal Rating</u>		<u>Basic Annual Charges</u>	
	<u>Lumens</u>	<u>Watts</u>	<u>Luminaire Charge</u>	<u>Transmission Charge</u>
Sodium	16,000	150	98.65	14.04
	27,500	250	171.48	22.92
50,000	400	165.90	34.32	109.41
	27,500	250	190.20	16.32
	50,000	400	184.58	24.48
Metal Halide	36,000	400	85.52	33.60
	23.88			95.77

B. Transition Charge: **0.1920.244** cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer: **As in effect per Tariff**

Default Service: **As in effect per Tariff**

AREA LIGHTING SERVICE

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OUTDOOR LIGHTING

RATE S-1

Delivery Services:

A. Basic Annual Charges apply to overhead connected lighting units on poles carrying other electric power circuits

<u>Watts</u>	<u>Nominal Rating</u>		<u>Basic Annual Charges</u>		<u>Lumens</u>
			<u>Luminaire Charge</u>	<u>Transmission Charge</u>	
Sodium	4,000	50	\$122.46	\$4.44	\$135.45 \$3.12

AREA LIGHTING SERVICE (continued)

Delivery Services: (continued)

	<u>Nominal Rating</u>		<u>Basic Annual Charges</u>		
	<u>Lumens</u>	<u>Watts</u>	<u>Luminaire Charge</u>	<u>Transmission Charge</u>	
Sodium	5,800	70	122.09	6.36	134.91 4.56
	9,500	100	121.44	9.00	134.29 6.36
	16,000	150	118.33	13.08	
	27,500	250	112.76	22.56	
	50,000	400	109.45	35.88	131.12 9.24
	27,500	250	125.33	16.08	
	50,000	400	122.37	25.56	

B. Transition Charge: 0.1920.244 cents per kilowatt-hour

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Supplier Services:

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

C. Additional Annual Charges

1. Basic annual charges for separate wood poles used to support only lighting units are set forth below:

	<u>Basic Annual Charges</u>		
	<u>Wood Poles</u>		
	<u>30ft</u>	<u>35ft</u>	<u>40ft</u>
Poles installed prior to December 1, 1985	\$ 57.84	\$ 57.84	\$ 57.84
<u>\$ 63.74</u>			<u>63.74</u>
Poles installed after November 30, 1985 or	88.56	88.56	88.56
<u>97.69</u>			<u>97.69</u>
before January 1, 1996			
Poles installed after January 1, 1996	95.64	94.56	104.28
<u>104.24</u>			<u>105.43</u>
			<u>114.96</u>

Additional Annual Charges (continued)

2. The basic annual charge for providing a section of secondary wire not to exceed 150 feet for connecting lighting units to a wood pole for both Company and Customer owned and

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installed poles is ~~\$54.24~~ \$59.77.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

GENERAL CONDITIONS

- A. Service under this rate is contingent upon Company ownership and maintenance of outdoor lighting facilities except, in areas where the Company has no existing distribution system for service to its other Customers, the Company may require the Customer to furnish, install, own and maintain the conduits, manholes and sub-base required for underground service to street lighting units located on standard poles. The Company shall specify standard outdoor lighting equipment to be utilized for providing service hereunder.
- B. All outdoor lighting installations under this rate shall be subject to the Company's approval in all respects, including the size, location, spacing and type of luminaire to be provided. The Company may refuse service hereunder for any installation which does not conform to good lighting practices in the sole opinion of the Company. By its approval or acceptance of any outdoor lighting installation, the Company does not give any warranty, expressed or implied, as to the adequacy, safety or other characteristics of said installation.
- C. The Company will require that Customers who terminate service or request temporary service, or the removal of outdoor lighting units without replacement or changes in the sizes,

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types or locations of outdoor lighting units pay to the Company the undepreciated costs less salvage value, if any, of the equipment which is taken out of service, removed without replacement, relocated or substantially altered by the Company. The undepreciated costs shall be determined based upon the actual age of such equipment as

GENERAL CONDITIONS (continued)

determined by the Company. However, all incandescent lighting units shall be exempt from this provision.

- D. The total number of new installations, replacements or relocations of street lighting units in any annual period may be limited by the Company to not more than ten percent (10%) of the total number of units billed to the Customer at the beginning of such annual period.
- E. The Company will maintain all wires, lamps and other equipment owned by it. The Customer will notify the Company of any failure of lights to operate properly and the Company will complete the necessary repair or replacement within 3 regular working days, with no reduction in charges for such inoperative periods. Lamp replacement and maintenance shall be performed by the Company during normal working hours.
- F. Outdoor lighting units furnished under this rate schedule shall be subject to all applicable charges hereunder, except that, in the event any lighting unit is not lighted for a period exceeding 3 nights duration for any reason whatsoever, such unit shall not be subject to the rates herein for the period during which it is unlighted, as determined by the Company.
- G. Where the costs of underground connected street lighting facilities provided at the request of a Customer pursuant to this rate schedule exceed the costs of such facilities which are supported by the applicable annual charges included in this rate schedule, the Customer shall pay to the Company the excess costs of such facilities.

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- H. Area lighting and floodlighting fixtures will be located on standard wood poles owned either by the Company or the Customer not more than one distribution span length of wire not to exceed 150 feet from the nearest pole on the public way. Poles shall be accessible to trucks and other equipment of the company at all times. Service may be furnished at other locations subject to appropriate charges, at the option of the Company.
- I. Where temporary service is desired, the Customer shall reimburse the Company for its costs of installing and removing outdoor lighting facilities.
- J. The Customer grants the Company the right to enter and use the Customer's premises at all reasonable times for the installation, maintenance and removal of its facilities, including the right to cut and trim the trees and bushes wherever necessary. The Company shall not be required to move its facilities to another location on the Customer's premises except at the Customer's expense.

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

The annual charges will be prorated monthly. Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 12 consecutive months and shall continue thereafter until canceled on 30 days' written notice, except that temporary service may be canceled

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at any time upon 10 days' written notice.

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DEFAULT SERVICE ADJUSTMENT

The prices for Retail Delivery Service contained in all the rates of the Company are subject to adjustments to reflect the power purchase costs incurred by the Company in arranging Default Service, which costs are not recovered from Customers through the Default Service rate charged to Default Service Customers.

On a annual basis, the Company shall reconcile its total cost of purchased power for default service supply against its total default service revenue, and the excess or deficiency shall be refunded to, or collected from, Customers on a per kilowatt-hour basis over the following twelve (12) months, with interest. Such a per kWh charge or credit is referred to as the Default Service Adjustment Factor. For purposes of the above reconciliation, total purchased power revenues shall mean all revenues collected from Default Service Customers through the Default Service rate for the applicable twelve (12) month reconciliation period together with payments or credits from suppliers. If there is a positive or negative balance in the then current Default Service Adjustment account outstanding from the prior period, the balance shall be credited against or added to the new reconciliation amount, as appropriate, in establishing the Default Service Adjustment Factor for the new reconciliation period.

The rate for the Default Service Cost Adjustment Factor, effective January 1, 2003, 2004, shall be equal to ~~\$0.00160~~ \$0.00265 per kilowatt-hour.

The calculation of the Default Service Adjustment Factor shall be subject to the review and approval of the Department of Telecommunications and Energy.

This provision is applicable to all Retail Delivery Service rates of the Company.

Issued by: **Thomas J. May**
President

Filed: **January 31, 2003**
Effective: **March 1, 2003**

Issued by: **Thomas J. May**
President

Filed: **December 3, 2003**
Effective: **January 1, 2004**

CAMBRIDGE ELECTRIC LIGHT COMPANY										
SUMMARY OF PROPOSED REVENUES										
RETAIL CHOICE RATES - YEAR 2004										
Rate Schedule	Total Revenues Pre-RAD	Inflation Adjusted Revenues on 01-Jan-03	Proposed Revenues on 01-Jan-03	% Change	Inf. Adj. Rev. \$/kWh	Proposed \$/kWh	Transition Rate Adj. \$/kWh			
R-1	\$ 21,006,757	\$ 24,540,093	\$ 20,852,034	-15.0%	14.614	12.418	-0.002			
R-2	658,939	769,773	654,080	-15.0%	11.094	9.427	-0.003			
R-3	1,200,491	1,402,413	1,191,799	-15.0%	14.605	12.411	-0.003			
R-4	55,273	64,569	54,872	-15.0%	11.042	9.384	-0.004			
R-5	1,536	1,795	1,525	-15.0%	13.056	11.093	0.033			
R-6	1,627	1,901	1,616	-15.0%	12.393	10.533	-0.856			
G-0	4,947,685	5,779,886	4,911,567	-15.0%	12.393	10.531	-0.001			
G-1	20,632,979	24,103,446	20,477,946	-15.0%	11.082	9.415	0.078			
G-2	42,007,960	49,073,699	41,690,099	-15.0%	10.030	8.521	0.046			
G-3	43,077,009	50,322,562	42,766,303	-15.0%	8.778	7.480	0.000			
G-4	156,017	182,259	154,841	-15.0%	10.092	8.574	-0.034			
G-5	1,363,561	1,592,912	1,353,647	-15.0%	10.524	8.943	-0.003			
S-1	1,480,412	1,729,417	1,469,792	-15.0%	27.894	23.707	-0.009			
S/SM	3,321,760	3,880,480	3,297,833	-15.0%	8.885	7.551	-0.123			
Contracts	177,542	207,405	176,352	-15.0%	10.749	9.139	-0.093			
Total Retail	140,089,549	163,652,610	139,054,305	-15.0%	10.354	8.798				
Global variables										
BASELINE										
Fuel Charge			\$ 0.03490 /kWh							
PROPOSED										
Distribution			Proposed \$ 0.01308 /kWh		Target \$ 0.01309					
Transmission			\$ 0.01427 /kWh		\$ 0.01427					
Transition			\$ 0.00253 /kWh		\$ 0.00253					
Transition Rate Adj			\$ 0.00021 /kWh		\$ 0.00021					
Pension Adjustment			\$ 0.00124 /kWh		\$ 0.00124					
Standard Offer			\$ 0.05100 /kWh		\$ 0.05100					
Default Service Adjustment			\$ 0.00265 /kWh		\$ 0.00265					
Energy Efficiency			\$ 0.00250 /kWh		\$ 0.00250					
Renewables			\$ 0.00050 /kWh		\$ 0.00050					
Total			\$ 0.08798		\$ 0.08799					
					85.0%					
Inflation Factor (1)			16.8%	31-Aug-97 1.605	30-Jun-04 1.875					
(1) Inflation factor is based upon data for Consumer Price Index (All Urban) from the Bureau of Labor Statistics projected through June 30, 2004.										

CAMBRIDGE ELECTRIC LIGHT COMPANY										
DETAIL OF REVENUES BY UNBUNDLED COMPONENTS										
RETAIL CHOICE RATES - YEAR 2004										
Rate Schedule	Proposed Revenues (1)	Distribution Revenues (2)	Transmission Revenues (3)	Transition Revenues (4)	Transition Rate Adj (5)	Pension Adjustment (6)	Def Serv Adj Revenues (7)	Standard Offer Revenues (8)	DSM Revenues (9)	Renewables Revenues (10)
R-1	\$ 20,852,034	\$ 7,883,430	\$ 2,826,190	\$ 424,840	(3,358)	208,222	444,990	\$ 8,563,959	\$ 419,802	\$ 83,960
R-2	654,080	118,277	116,780	17,555	(208)	8,604	18,387	353,869	17,347	3,469
R-3	1,191,799	421,784	190,115	24,295	(288)	11,907	25,447	489,731	24,006	4,801
R-4	54,872	7,987	11,577	1,479	(23)	725	1,550	29,823	1,462	292
R-5	1,525	577	113	35	5	17	36	701	34	7
R-6	1,616	650	77	39	(39)	19	41	782	38	8
G-0	4,911,567	1,358,228	735,834	117,998	(466)	57,833	123,595	2,378,625	116,599	23,320
G-1	20,477,946	4,006,057	3,159,841	552,467	168,435	269,702	576,378	11,092,563	543,753	108,751
G-2	41,690,099	5,026,413	6,873,040	1,244,791	225,008	606,542	1,296,239	24,950,625	1,222,867	244,573
G-3	42,766,303	641,324	7,485,333	1,452,139	0	710,874	1,519,207	29,237,569	1,433,214	286,643
G-4	154,841	25,174	21,158	4,564	(599)	2,239	4,786	92,101	4,515	903
G-5	1,353,647	143,805	295,744	38,296	(454)	18,769	40,112	771,966	37,841	7,568
S-1	1,469,792	1,014,136	81,616	15,686	(558)	7,688	16,430	316,195	15,500	3,100
S/SM	3,297,833	10,328	702,264	110,617	(53,720)	54,157	115,739	2,227,423	109,187	21,837
Contracts	176,352	16,584	44,964	4,894	(1,795)	2,393	5,113	98,410	4,824	965
Total Retail	139,054,305	20,674,755	22,544,646	4,009,693	331,938	1,959,691	4,188,050	80,604,343	3,950,991	790,198
Kwh	1,580,532,449									
Cents/Kwh	8.798	1.308	1.426	0.254	0.021	0.124	0.265	5.100	0.250	0.050
Inflation Factor	1.1682		8.686,676							
Notes:										
(1) Total revenues based on August 1997 undiscounted rates and 2002 billing determinants.										
(2) Inflation factor is based upon data for Consumer Price Index (All Urban) from Bureau of Labor statistics projected through June 30, 2004.										
(3) Total proposed revenues Col (1) = Total of Cols. (2) to (10)										

CAMBRIDGE ELECTRIC LIGHT COMPANY										
DETAIL UNIT REVENUES BY UNBUNDLED COMPONENTS										
RETAIL CHOICE RATES - YEAR 2004										
Rate Schedule	Proposed ¢/kWh (1)	Distribution ¢/kWh (2)	Transmission ¢/kWh (3)	Transition ¢/kWh (4)	Trans Rate Adj ¢/kWh (5)	Pension Adj ¢/kWh (6)	Def Serv Adj ¢/kWh (7)	Standard Offer ¢/kWh (8)	DSM ¢/kWh (9)	Renewables ¢/kWh (10)
R-1	12.418	4.695	1.683	0.253	-0.002	0.124	0.265	5.100	0.250	0.050
R-2	9.427	1.705	1.683	0.253	-0.003	0.124	0.265	5.100	0.250	0.050
R-3	12.411	4.392	1.980	0.253	-0.003	0.124	0.265	5.100	0.250	0.050
R-4	9.384	1.366	1.980	0.253	-0.004	0.124	0.265	5.100	0.250	0.050
R-5	11.093	4.194	0.823	0.253	0.033	0.124	0.265	5.100	0.250	0.050
R-6	10.533	4.240	0.504	0.253	-0.253	0.124	0.265	5.100	0.250	0.050
G-0	10.531	2.912	1.578	0.253	-0.001	0.124	0.265	5.100	0.250	0.050
G-1	9.415	1.842	1.453	0.254	0.077	0.124	0.265	5.100	0.250	0.050
G-2	8.521	1.027	1.405	0.254	0.046	0.124	0.265	5.099	0.250	0.050
G-3	7.460	0.112	1.308	0.253	0.000	0.124	0.265	5.100	0.250	0.050
G-4	8.574	1.394	1.172	0.253	-0.033	0.124	0.265	5.100	0.250	0.050
G-5	8.943	0.950	1.954	0.253	-0.003	0.124	0.265	5.100	0.250	0.050
S-1	23.707	16.357	1.316	0.253	-0.009	0.124	0.265	5.100	0.250	0.050
S/S/M	7.551	0.024	1.608	0.253	-0.123	0.124	0.265	5.100	0.250	0.050
Contracts	9.139	0.859	2.330	0.254	-0.093	0.124	0.265	5.100	0.250	0.050
Total	8.798	1.308	1.426	0.254	0.021	0.124	0.265	5.100	0.250	0.050

CAMBRIDGE ELECTRIC LIGHT COMPANY					
DEVELOPMENT OF LOST DISTRIBUTION REVENUE					
RETAIL CHOICE RATES - YEAR 2004					
Rate Schedule	03/01/1998 Distribution Revenues(1)	Proposed Distribution Revenues	Difference 1/1/03-3/1/98		
R-1	\$ 7,115,504	\$ 7,883,430	\$ 767,926		
R-2	\$ 105,822	\$ 118,277	\$ 12,455		
R-3	\$ 384,006	\$ 421,784	\$ 37,778		
R-4	\$ 7,329	\$ 7,987	\$ 657		
R-5	\$ 1,401	\$ 577	\$ (824)		
R-6	\$ 603	\$ 650	\$ 48		
G-0	\$ 1,216,562	\$ 1,358,228	\$ 141,666		
G-1	\$ 3,958,661	\$ 4,006,057	\$ 47,396		
G-2	\$ 4,926,290	\$ 5,026,413	\$ 100,123		
G-3	\$ 1,893,013	\$ 641,324	\$ (1,251,689)		
G-4	\$ 19,299	\$ 25,174	\$ 5,876		
G-5	\$ 132,396	\$ 143,805	\$ 11,408		
S-1	\$ 914,773	\$ 1,014,136	\$ 99,363		
S/S/M	\$ 9,372	\$ 10,328	\$ 956		
Contracts	\$ 7,836	\$ 16,584	\$ 8,748		
Total Retail	\$ 20,692,867	\$ 20,674,755	\$ (18,112)		
Note (1)	Revenues adjusted for DSM increase per DTE 99-19				

CAMBRIDGE ELECTRIC LIGHT COMPANY							
YEAR 2002 BILLING DETERMINANTS							
PRE-RAD RATES REFLECTING 1997 BASE, RATES, CC & FC							
UNBUNDLED RATES FOR EFFECT JANUARY 2004							
PRE-RAD RATE R-1/R-2 (1)				UNBUNDLED RATE DESIGN RATE R-1/R-2			
	UNITS	PRICE	REVENUE		UNITS	PRICE	REVENUE
CUSTOMER CHARGE				CUSTOMER CHARGE			
REGULAR	440,802	7.63	3,363,322	REGULAR	440,802	7.57	3,336,874
LOW INCOME	19,233	5.01	96,357	ASSISTANCE (3)	19,233	4.97	95,588
TOTAL	460,035		3,459,679	TOTAL	460,035		3,432,462
ENERGY CHARGE				DISTRIBUTION CHARGE			
REGULAR	167,920,762	0.06925	11,628,513	REGULAR	167,920,762	0.02708	4,546,555
LOW INCOME	6,938,607	0.04526	314,041	ASSISTANCE (4)	6,938,607	0.00327	22,689
TOTAL	174,859,370		11,942,554	TOTAL	174,859,370		4,569,245
CONSERVATION CHARGE				TRANSMISSION CHARGE			
REGULAR	167,920,762	0.00092	154,487	REGULAR	167,920,762	0.01683	2,826,190
LOW INCOME	6,938,607	0.00092	6,384	ASSISTANCE	6,938,607	0.01683	116,780
TOTAL	174,859,370		160,871	TOTAL	174,859,370		2,942,970
FUEL CHARGE				TRANSITION CHARGE			
REGULAR	167,920,762	0.034900	5,860,435	REGULAR	167,920,762	0.00253	424,840
LOW INCOME	6,938,607	0.034900	242,157	ASSISTANCE (4)	6,938,607	0.00253	17,555
TOTAL	174,859,370		6,102,592	TOTAL	174,859,370		442,394
				TRANSITION RATE ADJUSTMENT			
				REGULAR	167,920,762	-0.00002	(3,358)
				ASSISTANCE (4)	6,938,607	-0.00003	(208)
				TOTAL	174,859,370		(3,567)
TOTAL CHARGES				PENSION ADJUSTMENT			
REGULAR			21,006,757	REGULAR	167,920,762	0.00124	208,222
LOW INCOME			658,939	ASSISTANCE (4)	6,938,607	0.00124	8,604
TOTAL			21,665,696	TOTAL	174,859,370		216,826
NORMALIZATION ADJUSTMENTS				DSM CHARGE			
REGULAR	UNITS('000)			REGULAR	167,920,762	0.00250	419,802
REGULAR	0			LOW INCOME	6,938,607	0.00250	17,347
ASSISTANCE	0			TOTAL	174,859,370		437,148
				RENEWABLES CHARGE			
				REGULAR	167,920,762	0.00050	83,960
				LOW INCOME	6,938,607	0.00050	3,469
				TOTAL	174,859,370		87,430
				DEFAULT SERVICE ADJUSTMENT			
				REGULAR	167,920,762	0.00265	444,990
				LOW INCOME	6,938,607	0.00265	18,387
				TOTAL	174,859,370		463,377
				GENERATION CHARGE			
				REGULAR	167,920,762	0.05100	8,563,959
				LOW INCOME	6,938,607	0.05100	353,869
				TOTAL	174,859,370		8,917,828
				TOTAL UNBUNDLED CHARGES			
				REGULAR			20,852,034
				LOW INCOME			654,080
				TOTAL			21,506,113

CAMBRIDGE ELECTRIC LIGHT COMPANY							
YEAR 2002 BILLING DETERMINANTS							
PRE-RAD RATES REFLECTING 1997 BASE, RATES, CC & FC							
UNBUNDLED RATES FOR EFFECT JANUARY 2004							
PRE-RAD RATE R-3/R-4 (1)				UNBUNDLED RATE DESIGN RATE R-3/R-4			
	UNITS	PRICE	REVENUE		UNITS	PRICE	REVENUE
CUSTOMER CHARGE				CUSTOMER CHARGE			
REGULAR	13,261	8.63	114,439	REGULAR	13,261	8.57	113,644
LOW INCOME	849	5.66	4,808	ASSISTANCE (3)	849	5.62	4,774
TOTAL	14,110		119,247	TOTAL	14,110		118,417
ENERGY CHARGE				DISTRIBUTION CHARGE			
REGULAR	9,602,578	0.07728	742,087	REGULAR	9,602,578	0.03209	308,141
LOW INCOME	584,758	0.05048	29,519	ASSISTANCE (4)	584,758	0.00549	3,213
TOTAL	10,187,336		771,606	TOTAL	10,187,336		311,354
CONSERVATION CHARGE				TRANSMISSION CHARGE			
REGULAR	9,602,578	0.00092	8,834	REGULAR	9,602,578	0.01980	190,115
LOW INCOME	584,758	0.00092	538	ASSISTANCE	584,758	0.01980	11,577
TOTAL	10,187,336		9,372	TOTAL	10,187,336		201,692
FUEL CHARGE				TRANSITION CHARGE			
REGULAR	9,602,578	0.03490	335,130	REGULAR	9,602,578	0.00253	24,295
LOW INCOME	584,758	0.03490	20,408	ASSISTANCE (4)	584,758	0.00253	1,479
TOTAL	10,187,336		355,538	TOTAL	10,187,336		25,774
				TRANSITION RATE ADJUSTMENT			
				REGULAR	9,602,578	-0.00003	(288)
				ASSISTANCE (4)	584,758	-0.00004	(23)
				TOTAL	10,187,336		(311)
TOTAL CHARGES				PENSION ADJUSTMENT			
REGULAR			1,200,491	REGULAR	9,602,578	0.00124	11,907
LOW INCOME			55,273	ASSISTANCE (4)	584,758	0.00124	725
TOTAL			1,255,763	TOTAL	10,187,336		12,632
NORMALIZATION				DSM CHARGE			
ADJUSTMENTS	UNITS('000)			REGULAR	9,602,578	0.00250	24,006
REGULAR	0			ASSISTANCE (4)	584,758	0.00250	1,462
ASSISTANCE	0			TOTAL	10,187,336		25,468
				RENEWABLES CHARGE			
				REGULAR	9,602,578	0.00050	4,801
				LOW INCOME	584,758	0.00050	292
				TOTAL	10,187,336		5,094
				DEFAULT SERVICE ADJUSTMENT			
				REGULAR	9,602,578	0.00265	25,447
				LOW INCOME	584,758	0.00265	1,550
				TOTAL	10,187,336		26,996
				GENERATION CHARGE			
				REGULAR	9,602,578	0.05100	489,731
				LOW INCOME	584,758	0.05100	29,823
				TOTAL	10,187,336		519,554
				TOTAL UNBUNDLED CHARGES			
				REGULAR			1,191,799
				LOW INCOME			54,872
				TOTAL			1,246,671

CAMBRIDGE ELECTRIC LIGHT COMPANY							
YEAR 2002 BILLING DETERMINANTS							
PRE-RAD RATES REFLECTING 1997 BASE, RATES, CC & FC							
UNBUNDLED RATES FOR EFFECT JANUARY 2004							
PRE-RAD RATE R-5 (1)				UNBUNDLED RATE DESIGN RATE R-5			
	UNITS	PRICE	REVENUE		UNITS	PRICE	REVENUE
CUSTOMER CHARGE	12	11.63	138	CUSTOMER CHARGE	12	11.55	137
ENERGY CHARGE				DISTRIBUTION CHARGE			
PEAK	2,967	0.24059	714	PEAK	2,967	0.14803	439
OFF-PEAK	10,781	0.01776	191	OFF-PEAK	10,781	0.00000	0
TOTAL	13,748		905	TOTAL	13,748		439
CONSERVATION CHARGE	13,748	0.00092	13	TRANSMISSION CHARGE			
FUEL CHARGE	13,748	0.03490	480	PEAK	2,967	0.03815	113
				OFF-PEAK	10,781	0.00000	0
TOTAL CHARGES			1,536	TOTAL	13,748		113
				TRANSITION CHARGE			
NORMALIZATION				PEAK	2,967	0.00446	13
ADJUSTMENTS	UNITS('000)			OFF-PEAK	10,781	0.00200	22
PEAK	0			TOTAL	13,748	0.00253	35
OFF-PEAK	0			TRANSITION RATE ADJUSTMENT			
TOTAL	0			PEAK	2,967	0.00880	26
				OFF-PEAK	10,781	-0.00200	-22
				TOTAL	13,748	0.00033	5
				PENSION ADJUSTMENT			
				TOTAL	13,748	0.00124	17
				DSM CHARGE			
				TOTAL	13,748	0.00250	34
				RENEWABLES CHARGE	13,748	0.00050	7
				DEFAULT SERVICE ADJUSTMENT			
				PEAK	2,967	0.00265	8
				OFF-PEAK	10,781	0.00265	29
				TOTAL	13,748		36
				GENERATION CHARGE			
				TOTAL	13,748	0.05100	701
				TOTAL UNBUNDLED CHARGES			1,525

CAMBRIDGE ELECTRIC LIGHT COMPANY							
YEAR 2002 BILLING DETERMINANTS							
PRE-RAD RATES REFLECTING 1997 BASE, RATES, CC & FC							
UNBUNDLED RATES FOR EFFECT JANUARY 2004							
PRE-RAD RATE R-6 (1)				UNBUNDLED RATE DESIGN RATE R-6			
	UNITS	PRICE	REVENUE		UNITS	PRICE	REVENUE
CUSTOMER CHARGE	12	12.63	148	CUSTOMER CHARGE	11.73	12.54	147
ENERGY CHARGE				DISTRIBUTION CHARGE			
PEAK	2,091	0.28090	587	PEAK	2,091	0.23544	492
OFF-PEAK	13,248	0.02585	342	OFF-PEAK	13,248	0.00083	11
TOTAL	15,339		930	TOTAL	15,339		503
CONSERVATION CHARGE	15,339	0.00092	14	TRANSMISSION CHARGE			
FUEL CHARGE	15,339	0.03490	535	PEAK	2,091	0.02108	44
TOTAL CHARGES			1,627	OFF-PEAK	13,248	0.00251	33
				TOTAL	15,339		77
				TRANSITION CHARGE			
NORMALIZATION				PEAK	2,091	0.01856	39
ADJUSTMENTS	UNITS('000)			OFF-PEAK	13,248	0.00000	0
PEAK	0			TOTAL	15,339	0.00253	39
OFF-PEAK	0			TRANSITION RATE ADJUSTMENT			
TOTAL	0			PEAK	2,091	-0.01856	-39
				OFF-PEAK	13,248	0.00000	0
				TOTAL	15,339	-0.00253	(39)
				PENSION ADJUSTMENT			
				TOTAL	15,339	0.00124	19
				DSM CHARGE			
				TOTAL	15,339	0.00250	38
				RENEWABLES CHARGE	15,339	0.00050	8
				DEFAULT SERVICE ADJUSTMENT			
				PEAK	2,091	0.00265	6
				OFF-PEAK	13,248	0.00265	35
				TOTAL	15,339		41
				GENERATION CHARGE			
				TOTAL	15,339	0.05100	782
				TOTAL UNBUNDLED CHARGES			1,616

CAMBRIDGE ELECTRIC LIGHT COMPANY								
YEAR 2002 BILLING DETERMINANTS								
PRE-RAD RATES REFLECTING 1997 BASE, RATES, CC & FC								
UNBUNDLED RATES FOR EFFECT JANUARY 2004								
PRE-RAD RATE G-0 (1)				UNBUNDLED RATE DESIGN RATE G-0				
	UNITS	PRICE	REVENUE		UNITS	PRICE	REVENUE	
CUSTOMER CHARGE	53,850	5.13	276,252	CUSTOMER CHARGE	53,850	5.09	274,098	
ENERGY CHARGE	46,639,712	0.06432	2,999,866	DISTRIBUTION CHARGE	46,639,712	0.02324	1,084,131	
CONSERVATION CHARGE	46,639,712	0.00094	43,841	TRANSMISSION CHARGE	46,639,712	0.01578	735,834	
FUEL CHARGE	46,639,712	0.03490	1,627,726	TRANSITION CHARGE	46,639,712	0.00253	117,998	
				TRANSITION RATE ADJUST	46,639,712	-0.00001	(466)	
TOTAL CHARGES			4,947,685	PENSION ADJUSTMENT	46,639,712	0.00124	57,833	
				DSM CHARGE	46,639,712	0.00250	116,599	
NORMALIZATION				RENEWABLES CHARGE	46,639,712	0.00050	23,320	
ADJUSTMENTS	UNITS('000)			DEFAULT SERVICE ADJUST	46,639,712	0.00265	123,595	
TOTAL	0			GENERATION CHARGE	46,639,712	0.05100	2,378,625	
				TOTAL UNBUNDLED CHARGES			4,911,567	

CAMBRIDGE ELECTRIC LIGHT COMPANY								
YEAR 2002 BILLING DETERMINANTS								
PRE-RAD RATES REFLECTING 1997 BASE, RATES, CC & FC								
UNBUNDLED RATES FOR EFFECT JANUARY 2004								
PRE-RAD RATE G-1 (1)				UNBUNDLED RATE DESIGN RATE G-1				
	UNITS	PRICE	REVENUE		UNITS	PRICE	REVENUE	
CUSTOMER CHARGE	27,037	8.13	219,811	CUSTOMER CHARGE	27,037	8.07	218,189	
DEMAND CHARGE				DISTRIBUTION CHARGE				
<10 KVA - SEC	242,257	9.47	2,294,170	<10 KVA	242,368	3.33	807,084	
<10 KVA - PRI	111	9.00	999	>10 KVA	431,373	6.91	2,980,784	
>10 KVA - SEC	431,203	13.08	5,640,136	TOTAL	673,740		3,787,868	
>10 KVA - PRI	170	12.43	2,108					
TOTAL	673,740		7,937,412	TRANSMISSION CHARGE				
ENERGY CHARGE				<10 KVA	242,368	4.69	1,136,704	
SEC	217,393,383	0.02152	4,678,306	>10 KVA	431,373	4.69	2,023,137	
PRI	107,850	0.02046	2,206	TOTAL	673,740		3,159,841	
TOTAL	217,501,233		4,680,512	TRANSITION CHARGE (Demand)				
CONSERVATION CHG	217,501,233	0.00094	204,451	<10 KVA	242,368	0.82	198,741	
FUEL CHARGE	217,501,233	0.03490	7,590,793	>10 KVA	431,373	0.82	353,725	
TOTAL CHARGES			20,632,979	TOTAL	673,740		552,467	
				DISTRIBUTION CHARGE				
				ALL KWH	217,501,233	0	0	
				TRANSMISSION CHARGE				
NORMALIZATION				ALL KWH	217,501,233	0	0	
ADJUSTMENTS	UNITS('000)	%						
SECONDARY	0	1		TRANSITION CHARGE				
PRIMARY	0	1		ALL KWH	217,501,233	0.00000	0	
TOTAL	0			TRANSITION RATE ADJUST				
				ALL Kva	673,740	0.25	168,435	
				PENSION ADJUSTMENT				
				ALL KWH	217,501,233	0.00124	269,702	
				DSM CHARGE)				
				ALL KWH	217,501,233	0.00250	543,753	
				RENEWABLES CHARGE	217,501,233	0.00050	108,751	
				DEFAULT SERVICE ADJUST	217,501,233	0.00265	576,378	
				GENERATION CHARGE	217,501,233	0.05100	11,092,563	
				TOTAL CHARGES			20,477,946	

CAMBRIDGE ELECTRIC LIGHT COMPANY								
YEAR 2002 BILLING DETERMINANTS								
PRE-RAD RATES REFLECTING 1997 BASE, RATES, CC & FC								
UNBUNDLED RATES FOR EFFECT JANUARY 2004								
PRE-RAD RATE G-2 (1)					UNBUNDLED RATE DESIGN RATE G-2			
	UNITS	PRICE	REVENUE			UNITS	PRICE	REVENUE
CUSTOMER CHARGE					CUSTOMER CHARGE			
SEC	4,041	100.13	404,625		SEC	4,041	99.40	401,675
PRI	37	95.19	3,569		PRI	37	94.49	3,542
TOTAL	4,078		408,194		TOTAL	4,078		405,218
DEMAND CHARGE					DISTRIBUTION CHARGE (Demand)			
<100 KVA - SEC	366,064	6.72	2,459,950		<100 KVA - SEC	366,064	0.00	0
<100 KVA - PRI	3,902	6.39	24,926		<100 KVA - PRI	3,902	0.00	0
>100 KVA - SEC	842,546	13.45	11,332,242		>100 KVA - SEC	842,546	4.62	3,892,562
>100 KVA - PRI	4,364	12.79	55,792		>100 KVA - PRI	4,364	4.39	19,164
TOTAL	1,216,876		13,872,910		TOTAL	1,216,876		3,911,726
ENERGY CHARGE					TRANSMISSION CHARGE (Demand)			
PEAK - SEC	126,916,846	0.02931	3,719,933		<100 KVA - SEC	366,064	5.65	2,068,262
PEAK - PRI	721,054	0.02786	20,090		<100 KVA - PRI	3,902	5.37089	20,957
LOW A - SEC	122,332,103	0.02279	2,787,949		>100 KVA - SEC	842,546	5.65	4,760,384
LOW A - PRI	666,375	0.02166	14,436		>100 KVA - PRI	4,364	5.37089	23,437
LOW B - SEC	237,277,281	0.01688	4,005,241		TOTAL	1,216,876		6,873,040
LOW B - PRI	1,369,421	0.01605	21,974					
TOTAL	489,283,080		10,569,622		TRANSITION CHARGE (Demand)			
CONSERVATION CHG					<100 KVA - SEC	366,064	1.16	424,634
	489,283,080	0.00017	83,178		<100 KVA - PRI	3,902	1.10270	4,303
FUEL CHARGE					>100 KVA - SEC	842,546	1.16	977,353
	489,283,080	0.03490	17,074,055		>100 KVA - PRI	4,364	1.10270	4,812
TOTAL CHARGES					TOTAL	1,216,876		1,411,102
			42,007,960		DISTRIBUTION CHARGE (Energy)			
NORMALIZATION ADJUSTMENTS					PEAK - SEC	126,916,846	0.00556	705,658
PEAK	0	1			PEAK - PRI	721,054	0.00529	3,811
LOW A	0	1			LOW A - SEC	122,332,103	0.00000	0
LOW B	0	1			LOW A - PRI	666,375	0.00000	0
TOTAL	0	1			LOW B - SEC	237,277,281	0.00000	0
					LOW B - PRI	1,369,421	0.00000	0
					TOTAL	489,283,080		709,469
					TRANSMISSION CHARGE (Energy)			
					SEC	486,526,230	0	0
					PRI	2,756,850	0	0
					TOTAL	489,283,080		0
					TRANSITION CHARGE (Energy)			
					PEAK - SEC	126,916,846	0.00000	0
					PEAK - PRI	721,054	0.00000	0
					LOW A - SEC	122,332,103	-0.00046	(56,273)
					LOW A - PRI	666,375	-0.00044	(291)
					LOW B - SEC	237,277,281	-0.00046	(109,148)
					LOW B - PRI	1,369,421	-0.00044	(599)
					TOTAL	489,283,080		(166,311)
					TRANSITION RATE ADJUSTMENT			
					SEC	486,526,230	0.00046	223,802
					PRI	2,756,850	0.00044	1,206
					TOTAL	489,283,080		225,008
					PENSION ADJUSTMENT			
					SEC	486,526,230	0.00124	603,293
					PRI	2,756,850	0.00118	3,250
					TOTAL	489,283,080		606,542
					DSM CHARGE			
					SEC	486,526,230	0.00250	1,216,316
					PRI	2,756,850	0.00238	6,552
					TOTAL	489,283,080		1,222,867
					RENEWABLES CHARGE			
					SEC	486,526,230	0.00050	243,263
					PRI	2,756,850	0.00048	1,310
					TOTAL	489,283,080		244,573

[illegible]

CAMBRIDGE ELECTRIC LIGHT COMPANY											
YEAR 2002 BILLING DETERMINANTS											
PRE-RAD RATES REFLECTING 1997 BASE, RATES, CC & FC											
UNBUNDLED RATES FOR EFFECT JANUARY 2004											
PRE-RAD RATE G-3 (1)						UNBUNDLED RATE DESIGN RATE G-3					
	UNITS	PRICE	REVENUE				UNITS	PRICE	REVENUE		
CUSTOMER CHARGE	861	100.13	86,212			CUSTOMER CHARGE	861	99.40	85,583		
DEMAND CHARGE						DISTRIBUTION CHARGE					
<100 KVA	87,441	624.66	546,209			<100 KVA	87,441	0.00	0		
>100 KVA	1,234,980	11.5	14,202,265			>100 KVA	1,234,980	0.45	555,741		
INT. CREDIT	3,600	-7.62	(27,432)			TOTAL	1,322,421		555,741		
TOTAL	1,318,821		14,721,042								
ENERGY CHARGE						TRANSMISSION CHARGE					
PEAK	140,674,222	0.02188	3,077,952			<100 KVA	87,441	510.00	445,949		
LOW A	142,789,826	0.01557	2,223,238			>100KVA	1,234,980	5.70	7,039,383		
LOW B	289,821,614	0.00988	2,863,438			TOTAL	1,322,421		7,485,333		
TOTAL	573,285,662		8,164,627								
CONSERVATION CHG	573,285,662	0.00017	97,459			TRANSITION CHARGE (Demand)					
FUEL CHARGE	573,285,662	0.03490	20,007,670			<100 KVA	87,441	110.00	96,185		
TOTAL CHARGES			43,077,009			>100KVA	1,234,980	1.10	1,358,478		
						INT. CREDIT	3,600	-0.701041821	(2,524)		
						TOTAL	1,326,021		1,452,139		
NORMALIZATION						TRANSITION CHARGE (Energy)					
ADJUSTMENTS	UNITS('000)	%				PEAK	140,674,222	0.00000	0		
PEAK	0	1				LOW A	142,789,826	0.00000	0		
LOW A	0	1				LOW B	289,821,614	0.00000	0		
LOW B	0	1				TOTAL	573,285,662		0		
TOTAL	0	1				TRANSMISSION CHARGE (Energy)					
						PEAK	140,674,222	0.00000	0		
						LOW A	142,789,826	0.00000	0		
						LOW B	289,821,614	0.00000	0		
						TOTAL	573,285,662		0		
						TRANSITION RATE ADJUSTMENT					
						TOTAL	573,285,662	0.00000	0		
						PENSION ADJUSTMENT					
						TOTAL	573,285,662	0.00124	710,874		
						DSM CHARGE					
						TOTAL	573,285,662	0.00250	1,433,214		
						RENEWABLES CHARGE	573,285,662	0.00050	286,643		
						DEFAULT SERVICE ADJUSTMENT					
						PEAK	140,674,222	0.00265	372,787		
						LOW A	142,789,826	0.00265	378,393		
						LOW B	289,821,614	0.00265	768,027		
						TOTAL	573,285,662	0.00265	1,519,207		
						GENERATION CHARGE					
						TOTAL	573,285,662	0.05100	29,237,569		
						TOTAL CHARGES			42,766,303		

CAMBRIDGE ELECTRIC LIGHT COMPANY									
YEAR 2002 BILLING DETERMINANTS									
PRE-RAD RATES REFLECTING 1997 BASE, RATES, CC & FC									
UNBUNDLED RATES FOR EFFECT JANUARY 2004									
PRE-RAD RATE G-4 (1)					UNBUNDLED RATE DESIGN RATE G-4				
	UNITS	PRICE	REVENUE			UNITS	PRICE	REVENUE	
CUSTOMER CHARGE	84	12.13	1,016		CUSTOMER CHARGE	84	12.04	1,009	
DEMAND CHARGE	4,610	13.08	60,294		DISTRIBUTION CHARGE	4,610	4.98	22,956	
ENERGY CHARGE					TRANSMISSION CHARGE	4,610	4.59	21,158	
PEAK	476,831	0.02503	11,935		TRANSITION CHARGE (Demand)				
LOW LOAD PERIOD	1,329,072	0.01358	18,049		TOTAL	4,610	0.99	4,564	
TOTAL	1,805,903		29,984						
CONSERVATION CHG	1,805,903	0.00094	1,698		DISTRIBUTION CHARGE				
FUEL CHARGE	1,805,903	0.03490	63,026		PEAK	476,831	0.00254	1,210	
TOTAL CHARGES			156,017		LOW LOAD PERIOD	1,329,072	0.00000	0	
					TOTAL	1,805,903		1,210	
NORMALIZATION					TRANSITION CHARGE (Energy)				
ADJUSTMENTS	UNITS('000)	%			PEAK	476,831	0.00000	0	
PEAK	0	1			LOW LOAD PERIOD	1,329,072	0.00000	0	
LOW LOAD	0	1			TOTAL	1,805,903	0.00000	0	
TOTAL	0	1			TRANSITION RATE ADJUSTMENT				
					PEAK	4,610	-0.13	(599)	
					LOW LOAD PERIOD	0	0.00	0	
					TOTAL	4,610	-0.13	(599)	
					PENSION ADJUSTMENT				
					TOTAL	1,805,903	0.00124	2,239	
					DSM CHARGE				
					TOTAL	1,805,903	0.00250	4,515	
					RENEWABLES	1,805,903	0.00050	903	
					DEFAULT SERVICE ADJUSTMENT				
					PEAK	476,831	0.00265	1,264	
					LOW LOAD PERIOD	1,329,072	0.00265	3,522	
					TOTAL	1,805,903	0.00265	4,786	
					GENERATION CHARGE				
					TOTAL	1,805,903	0.05100	92,101	
					TOTAL CHARGES			154,841	

CAMBRIDGE ELECTRIC LIGHT COMPANY									
YEAR 2002 BILLING DETERMINANTS									
PRE-RAD RATES REFLECTING 1997 BASE, RATES, CC & FC									
UNBUNDLED RATES FOR EFFECT JANUARY 2004									
PRE-RAD RATE G-5 (1)					UNBUNDLED RATE DESIGN RATE G-5				
	UNITS	PRICE	REVENUE			UNITS	PRICE	REVENUE	
CUSTOMER CHARGE	972	8.00	7,775		CUSTOMER CHARGE	972	7.94	7,717	
ENERGY CHARGE					DISTRIBUTION CHARGE				
<5000 KWH	3,080,252	0.04559	140,429		<5000 KWH	3,080,252	0.00477	14,680	
>5000 KWH	12,056,339	0.05699	687,091		>5000 KWH	12,056,339	0.01007	121,409	
TOTAL	15,136,591		827,519		TOTAL	15,136,591		136,088	
CONSERVATION CHG	15,136,591	0.00000	0		TRANSMISSION CHARGE				
FUEL CHARGE	15,136,591	0.03490	528,267		<5000 KWH	3,080,252	0.01475	45,431	
					>5000 KWH	12,056,339	0.02076	250,312	
TOTAL CHARGES			1,363,561		TOTAL	15,136,591		295,744	
NORMALIZATION					TRANSITION CHARGE				
ADJUSTMENTS	UNITS('000)	%			<5000 KWH	3,080,252	0.00253	7,793	
TOTAL	0	1			>5000 KWH	12,056,339	0.00253	30,503	
					TOTAL	15,136,591		38,296	
					TRANSITION RATE ADJUSTMENT				
					TOTAL	15,136,591	-0.00003	(454)	
					PENSION ADJUSTMENT				
					TOTAL	15,136,591	0.00124	18,769	
					DSM CHARGE				
					TOTAL	15,136,591	0.00250	37,841	
					RENEWABLES CHARGE				
						15,136,591	0.00050	7,568	
					DEFAULT SERVICE ADJUSTMENT				
					TOTAL	15,136,591	0.00265	40,112	
					GENERATION CHARGE				
					TOTAL	15,136,591	0.05100	771,966	
					TOTAL CHARGES				
								1,353,647	

CAMBRIDGE ELECTRIC LIGHT COMPANY								
YEAR 2002 BILLING DETERMINANTS								
PRE-RAD RATES REFLECTING 1997 BASE, RATES, CC & FC								
UNBUNDLED RATES FOR EFFECT JANUARY 2004								
PRE-RAD RATE G-6 (1) (reflects Rate G-0 quantities)				UNBUNDLED RATE DESIGN RATE G-6				
	UNITS	PRICE	REVENUE		UNITS	PRICE	REVENUE	
CUSTOMER CHARGE	53,850	9.13	491,653	CUSTOMER CHARGE	53,850	9.06	487,883	
ENERGY CHARGE				DISTRIBUTION CHARGE				
PEAK	13,754,051	0.16781	2,308,067	PEAK	13,754,051	0.07883	1,084,228	
OFF-PEAK	32,885,661	0.02105	692,243	OFF-PEAK	32,885,661	0.00000	0	
TOTAL	46,639,712		3,000,310	TOTAL	46,639,712		1,084,228	
CONSERVATION CHARGE	46,639,712	0.00094	43,841	TRANSMISSION CHARGE				
FUEL CHARGE	46,639,712	0.03490	1,627,726	PEAK	13,754,051	0.05350	735,838	
TOTAL CHARGES			5,163,530	OFF-PEAK	32,885,661	0.00000	63	
				TOTAL	46,639,712		735,902	
				TRANSITION CHARGE				
NORMALIZATION				PEAK	13,754,051	0.00858	118,010	
ADJUSTMENTS	UNITS('000)			OFF-PEAK	32,885,661	0.00001	329	
PEAK	0			TOTAL	46,639,712	0.00254	118,339	
OFF-PEAK	0			TRANSITION RATE ADJUSTMENT				
TOTAL	0			TOTAL	46,639,712	-0.00001	(466)	
				PENSION ADJUSTMENT				
				TOTAL	46,639,712	0.00124	57,833	
				DSM CHARGE				
				TOTAL	46,639,712	0.00250	116,599	
				RENEWABLES	46,639,712	0.00050	23,320	
				DEFAULT SERVICE ADJUSTMENT				
				TOTAL	46,639,712	0.00265	123,595	
				GENERATION CHARGE				
				TOTAL	46,639,712	0.05100	2,378,625	
				TOTAL UNBUNDLED CHARGES			5,125,858	

CAMBRIDGE ELECTRIC LIGHT COMPANY									
YEAR 2002 BILLING DETERMINANTS									
PRE-RAD RATES REFLECTING 1997 BASE, RATES, CC & FC									
UNBUNDLED RATES FOR EFFECT JANUARY 2004									
PRE-RAD RATE MIT MAG LAB CONTRACT (1)					UNBUNDLED RATE DESIGN RATE MIT MAG LAB CONTRACT				
	UNITS	PRICE	REVENUE			UNITS	PRICE	REVENUE	
CUSTOMER CHARGE	14	477.38	6,731		CUSTOMER CHARGE	14	473.91	6,682	
DEMAND CHARGE					DISTRIBUTION CHARGE				
REGULAR	27,295	\$2.70700	73,888		REGULAR	27,295	0.113	3,096	
PULSE	60,000	\$0.28400	17,040		PULSE	60,000	0.113	6,806	
TOTAL	87,295		90,928		TOTAL	87,295		9,902	
ENERGY CHARGE					TRANSMISSION CHARGE				
PEAK	809,442	\$0.01226	9,924		REGULAR	27,295	1.339	36,538	
LOW A	489,355	\$0.00625	3,058		PULSE	60,000	0.140	8,426	
LOW B	630,804	(\$0.00122)	(770)		TOTAL	87,295		44,964	
TOTAL	1,929,601		12,213		TRANSITION CHARGE (Demand)				
CONSERVATION CHG	1,929,601	0.00017	328		REGULAR	27,295	0.147	4,012	
FUEL CHARGE	1,929,601	0.03490	67,343		PULSE	60,000	0.015	882	
					INT. CREDIT	0	0	0	
TOTAL CHARGES			177,542		TOTAL	87,295		4,894	
NORMALIZATION					TRANSITION CHARGE				
ADJUSTMENTS	UNITS('000)				PEAK	809,442	0.00000	0	
PEAK	0				LOW A	489,355	0.00000	0	
LOW A	0				LOW B	630,804	0.00000	0	
LOW B	0				TOTAL	1,929,601		0	
TOTAL	0				TRANSITION RATE ADJUSTMENT				
					REGULAR	27,295	-0.054	(1,471)	
					PULSE	60,000	-0.005	(323)	
					TOTAL			(1,795)	
					PENSION ADJUSTMENT				
					TOTAL	1,929,601	0.00124	2,393	
					DSM CHARGE				
					TOTAL	1,929,601	0.00250	4,824	
					RENEWABLES CHARGE				
					TOTAL	1,929,601	0.00050	965	
					DEFAULT SERVICE ADJUSTMENT				
					TOTAL	1,929,601	0.00265	5,113	
					GENERATION CHARGE				
					TOTAL	1,929,601	0.05100	98,410	
					TOTAL CHARGES				
								176,352	

CAMBRIDGE ELECTRIC LIGHT COMPANY							
YEAR 2002 BILLING DETERMINANTS							
PRE-RAD RATES REFLECTING 1997 BASE, RATES, CC & FC							
UNBUNDLED RATES FOR EFFECT JANUARY 2004							
STANDBY, SUPPLEMENTAL, MAINTENANCE				UNBUNDLED STANDBY, SUPPLEMENTAL, MAINTENANCE			
	UNITS	PRICE	REVENUE		UNITS	PRICE	REVENUE
CUSTOMER CHARGE	12	867.00	10,404	CUSTOMER CHARGE	12	860.70	10,328
SUPPLEMENTAL RATE				DISTRIBUTION CHARGE			
DEMAND <100	1,200	624.66	7,496	SUPPL < 100	1,200	0	0
DEMAND >100	68,613	11.50	789,050	SUPPL > 100	68,613	0.45	30,876
ENERGY	7,951,050	\$0.02188	173,969	STANDBY	94,741	1.32	125,058
TOTAL			970,514	TOTAL			155,934
STANDBY/MAINTENANCE				TRANSMISSION CHARGE			
GEN - RESERV.	19,500	1.89	36,855	SUPPL < 100	1,200	510.00	6,120
GEN - USAGE	94,141	9.82	924,465	SUPPL > 100	68,613	5.70	391,094
DISTRIBUTION	94,741	1.32	125,058	STANDBY	94,141	-0.49	(46,186)
ENERGY	35,723,920	-0.00776	(277,218)	TOTAL			351,028
TOTAL			809,160				
CTC CHARGE	234,000	0	0	GENERATION CHARGE			
				SUPPL - KWH	7,951,050	0.05100	405,504
CONSERVATION CHG	43,674,970	0.00017	7,425	STANDBY - KWH	35,723,920	0.05100	1,821,920
				STANDBY - KVA	94,141	2.00	188,282
FUEL CHARGE	43,674,970	0.03490	1,524,256	STANDBY - RESER	19,500	0.36	7,020
				TOTAL	43,674,970		2,422,725
TOTAL CHARGES			3,321,760	TRANSITION CHARGE (Demand)			
NORMALIZATION				DEMAND <100	1,200	110.00	1,320
ADJUSTMENTS	UNITS('000)			DEMAND >100	68,613	0.81	55,577
STD BY - PEAK	0			TOTAL	69,813		56,897
MAINT - PEAK	0			TRANSITION CHARGE (Energy)			
SUPPL - PEAK	0			SUPPL	7,951,050	0.00000	0
LOW	0			STANDBY	35,723,920	0.00150	53,720
LOW	0			TOTAL	43,674,970		53,720
TOTAL	0			TRANSITION RATE ADJUSTMENT			
				SUPPL	7,951,050	0.00000	-
				STANDBY	35,723,920	-0.00150	(53,720)
				TOTAL	43,674,970		(53,720)
				PENSION ADJUSTMENT	43,674,970	0.00124	54,157
				DSM CHARGE	43,674,970	0.00250	109,187
				RENEWABLES CHARGE	43,674,970	0.00050	21,837
				DEFAULT SERVICE ADJUSTMENT			
				TOTAL	43,674,970	0.00265	115,739

**CAMBRIDGE ELECTRIC LIGHT COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
CONSOLIDATED SUMMARY OF BASE CHARGES**

DTE 03-118
Exhibit CAM-HCL-3
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OUTDOOR LIGHTING SERVICE	LUMINAIRE CHARGE(1)	TRANSMISSION CHARGE	TOTAL DELIVERY CHARGE(2)
<u>STREETLIGHTING SERVICE</u>			
INCANDESCENT			
1000L	\$121.29	\$5.52	\$126.81
2500L	\$109.14	\$10.68	\$119.82
6000L	\$105.46	\$23.64	\$129.10
TOTAL			
MERCURY VAPOR			
4200L	\$96.93	\$6.96	\$103.89
8600L	\$92.69	\$11.40	\$104.09
12100L	\$85.47	\$15.84	\$101.31
22500L	\$85.98	\$24.96	\$110.94
TWIN 22500L	\$105.84	\$49.92	\$155.76
63000L	\$106.57	\$59.76	\$166.33
TOTAL			
HIGH PRESSURE SODIUM			
4000L	\$99.13	\$3.12	\$102.25
5800L	\$98.59	\$4.56	\$103.15
9500L	\$97.96	\$6.36	\$104.32
16000L	\$94.79	\$9.24	\$104.03
27500L	\$88.99	\$16.08	\$105.07
50000L	\$86.04	\$25.56	\$111.60
TOTAL			

**CAMBRIDGE ELECTRIC LIGHT COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
CONSOLIDATED SUMMARY OF BASE CHARGES**

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OUTDOOR LIGHTING SERVICE	LUMINAIRE CHARGE(1)	TRANSMISSION CHARGE	TOTAL DELIVERY CHARGE(2)
<hr/>			
FLOODLIGHTING SERVICE			
<hr/>			
MERCURY VAPOR			
22500L	\$201.42	\$24.60	\$226.02
63000L	\$162.82	\$58.68	\$221.50
TOTAL			
HIGH PRESSURE SODIUM			
16000L	\$109.41	\$9.96	\$119.37
27500L	\$190.20	\$16.32	\$206.52
50000L	\$184.58	\$24.48	\$209.06
TOTAL			
METAL HALIDE			
36000L	\$95.77	\$23.88	\$119.65
AREA LIGHTING SERVICE			
<hr/>			
HIGH PRESSURE SODIUM			
4000L	\$135.45	\$3.12	\$138.57
5800L	\$134.91	\$4.56	\$139.47
9500L	\$134.29	\$6.36	\$140.65
16000L	\$131.12	\$9.24	\$140.36
27500L	\$125.33	\$16.08	\$141.41
50000L	\$122.37	\$25.56	\$147.93
TOTAL			
TOTAL FIXTURE CHARGES			

**CAMBRIDGE ELECTRIC LIGHT COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
CONSOLIDATED SUMMARY OF BASE CHARGES**

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OUTDOOR LIGHTING SERVICE	LUMINAIRE CHARGE(1)	TRANSMISSION CHARGE	TOTAL DELIVERY CHARGE(2)
<hr/>			
ADDITIONAL CHARGES			
<hr/>			
STREETLIGHTING ADDITIONAL CHARGES			
<hr/>			
POLE AND UNDERGROUND SERVICES <I	\$212.05	\$0.00	\$212.05
POLE AND UNDERGROUND SERVICES >I	\$532.51	\$0.00	\$532.51
CUSTOMER UNDERGROUND COST <DEC	\$56.59	\$0.00	\$56.59
CUSTOMER UNDERGROUND COST >DEC	\$229.92	\$0.00	\$229.92
POLE & UND. SERV. <DEC 1985 PLUS SEI	\$262.68	\$0.00	\$262.68
CUST. UND. COST <DEC 1985 PLUS SEC.	\$107.22	\$0.00	\$107.22
SECONDARY EXTENSION	\$50.63	\$0.00	\$50.63
CITY OF CAMBRIDGE CONTRACTS	\$0.00	\$0.00	\$0.00
TOTAL			
AREALIGHTING ADDITIONAL CHARGES			
<hr/>			
WOOD POLES < DEC 1985	\$63.74	\$0.00	\$63.74
WOOD POLES > DEC 1985< JAN 1996	\$97.69	\$0.00	\$97.69
WOOD POLES > JAN 1996 -30FT	\$105.43	\$0.00	\$105.43
WOOD POLES > JAN 1996 -35FT	\$104.24	\$0.00	\$104.24
WOOD POLES > JAN 1996 -40FT	\$114.96	\$0.00	\$114.96
150FT OF SECONDARY WIRE	\$59.77	\$0.00	\$59.77
TOTAL			
TOTAL ADDITIONAL CHARGES			

(1) LUMINAIRE CHARGE INCLUDES SPECIFIC FACILITIES,CUSTOMER AND DISTRIBUTION CHARGE

(2) TOTAL BASE CHARGE EXCLUDES DSM, RENEWABLE AND TRANSITION CHARGES AND
DEFAULT SERVICE ADJUSTMENT

DSM CHARGE =	\$0.00250
RENEWABLE CHARGE =	\$0.00050
TRANSITION CHARGE =	\$0.00244
DEFAULT SERVICE ADJ. =	\$0.00265

**CAMBRIDGE ELECTRIC LIGHT COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
DETERMINATION OF NET BASE CHARGES (POST-DEREGULATION)**

OUTDOOR LIGHTING	KWH	TOTAL CHARGE PRE-DEREG	TOTAL PROPOSED CHARGE	STANDARD OFFER	TOTAL DELIVERY CHARGE	SPECIFIC FACILITIES CHARGE	CUSTOMER CHARGE	XMISSION CHARGE	DSM CHARGE	RENEW. CHARGE	TRANSITION +Def Adj +Pension Adj	DISTRIB. CHARGE	DSMAAdj
<u>STREETLIGHTING SERVICE</u>													
INCANDESCENT													
1000L	420	\$153.26	\$152.15	\$21.42	\$130.73	\$109.80	\$17.76	\$5.52	\$1.05	\$0.21	\$2.66	(\$6.27)	\$0.94
2500L	808	\$169.80	\$168.57	\$41.21	\$127.36	\$104.52	\$17.76	\$10.68	\$2.02	\$0.40	\$5.11	(\$13.14)	\$1.80
6000L	1792	\$238.94	\$237.21	\$91.39	\$145.82	\$118.20	\$17.76	\$23.64	\$4.48	\$0.90	\$11.34	(\$30.50)	\$4.00
TOTAL													
MERCURY VAPOR													
4200L	524	\$136.49	\$135.50	\$26.72	\$108.78	\$87.00	\$17.76	\$6.96	\$1.31	\$0.26	\$3.32	(\$7.83)	\$1.17
8600L	864	\$157.35	\$156.22	\$44.06	\$112.15	\$88.92	\$17.76	\$11.40	\$2.16	\$0.43	\$5.47	(\$13.99)	\$1.93
12100L	1204	\$175.22	\$173.95	\$61.40	\$112.54	\$87.48	\$17.76	\$15.84	\$3.01	\$0.60	\$7.62	(\$19.77)	\$2.68
22500L	1896	\$226.97	\$225.33	\$96.70	\$128.63	\$100.08	\$17.76	\$24.96	\$4.74	\$0.95	\$12.00	(\$31.86)	\$4.23
TWIN 22500L	3792	\$387.34	\$384.53	\$193.39	\$191.14	\$153.60	\$17.76	\$49.92	\$9.48	\$1.90	\$24.00	(\$65.52)	\$8.46
63000L	4540	\$443.45	\$440.23	\$231.54	\$208.69	\$167.76	\$17.76	\$59.76	\$11.35	\$2.27	\$28.74	(\$78.95)	\$10.12
TOTAL													
HIGH PRESSURE SODIUM													
4000L	240	\$117.58	\$116.73	\$12.24	\$104.49	\$84.60	\$17.76	\$3.12	\$0.60	\$0.12	\$1.52	(\$3.23)	\$0.54
5800L	344	\$124.81	\$123.90	\$17.54	\$106.36	\$83.64	\$17.76	\$4.56	\$0.86	\$0.17	\$2.18	(\$2.81)	\$0.77
9500L	484	\$134.49	\$133.52	\$24.68	\$108.84	\$84.96	\$17.76	\$6.36	\$1.21	\$0.24	\$3.06	(\$4.76)	\$1.08
16000L	704	\$147.57	\$146.50	\$35.90	\$110.60	\$85.56	\$17.76	\$9.24	\$1.76	\$0.35	\$4.46	(\$8.53)	\$1.57
27500L	1220	\$179.98	\$178.67	\$62.22	\$116.45	\$89.76	\$17.76	\$16.08	\$3.05	\$0.61	\$7.72	(\$18.53)	\$2.72
50000L	1940	\$230.31	\$228.64	\$98.94	\$129.70	\$99.60	\$17.76	\$25.56	\$4.85	\$0.97	\$12.28	(\$31.32)	\$4.33
TOTAL													

**CAMBRIDGE ELECTRIC LIGHT COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
DETERMINATION OF NET BASE CHARGES (POST-DEREGULATION)**

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OUTDOOR LIGHTING	KWH	TOTAL CHARGE PRE-DEREG	TOTAL PROPOSED CHARGE	STANDARD OFFER	TOTAL DELIVERY CHARGE	SPECIFIC FACILITIES CHARGE	CUSTOMER CHARGE	XMISSION CHARGE	DSM CHARGE	RENEW. CHARGE	TRANSITION +Def Adj +Pension Adj	DISTRIB. CHARGE	DSMAdj
FLOODLIGHTING SERVICE													
MERCURY VAPOR													
22500L	1868	\$341.19	\$338.72	\$95.27	\$243.45	\$178.92	\$50.64	\$24.60	\$4.67	\$0.93	\$11.82	(\$28.14)	\$4.17
63000L	4456	\$493.91	\$490.33	\$227.26	\$263.07	\$184.08	\$50.64	\$58.68	\$11.14	\$2.23	\$28.21	(\$71.90)	\$9.94
TOTAL													
HIGH PRESSURE SODIUM													
16000L	756	\$166.18	\$164.98	\$38.56	\$126.42	\$67.32	\$50.64	\$9.96	\$1.89	\$0.38	\$4.79	(\$8.55)	\$1.69
27500L	1236	\$283.14	\$281.09	\$63.04	\$218.05	\$156.00	\$50.64	\$16.32	\$3.09	\$0.62	\$7.82	(\$16.44)	\$2.76
50000L	1856	\$323.37	\$321.03	\$94.66	\$226.38	\$159.48	\$50.64	\$24.48	\$4.64	\$0.93	\$11.75	(\$25.54)	\$4.14
TOTAL													
METAL HALIDE													
36000L	1812	\$230.64	\$228.97	\$92.41	\$136.56	\$72.12	\$50.64	\$23.88	\$4.53	\$0.91	\$11.47	(\$26.99)	\$4.04
AREA LIGHTING SERVICE													
HIGH PRESSURE SODIUM													
4000L	240	\$154.18	\$153.05	\$12.24	\$140.81	\$84.60	\$50.64	\$3.12	\$0.60	\$0.12	\$1.52	\$0.21	\$0.54
5800L	344	\$161.41	\$160.22	\$17.54	\$142.68	\$83.64	\$50.64	\$4.56	\$0.86	\$0.17	\$2.18	\$0.63	\$0.77
9500L	484	\$171.09	\$169.85	\$24.68	\$145.17	\$84.96	\$50.64	\$6.36	\$1.21	\$0.24	\$3.06	(\$1.31)	\$1.08
16000L	704	\$184.17	\$182.83	\$35.90	\$146.93	\$85.56	\$50.64	\$9.24	\$1.76	\$0.35	\$4.46	(\$5.08)	\$1.57
27500L	1220	\$216.58	\$215.01	\$62.22	\$152.79	\$89.76	\$50.64	\$16.08	\$3.05	\$0.61	\$7.72	(\$15.07)	\$2.72
50000L	1940	\$266.91	\$264.97	\$98.94	\$166.03	\$99.60	\$50.64	\$25.56	\$4.85	\$0.97	\$12.28	(\$27.87)	\$4.33
TOTAL													
TOTAL FIXTURE CHARGES													

**CAMBRIDGE ELECTRIC LIGHT COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
DETERMINATION OF NET BASE CHARGES (POST-DEREGULATION)**

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OUTDOOR LIGHTING	KWH	TOTAL CHARGE PRE-DEREG	TOTAL PROPOSED CHARGE	STANDARD OFFER	TOTAL DELIVERY CHARGE	SPECIFIC FACILITIES CHARGE	CUSTOMER CHARGE	XMISSION CHARGE	DSM CHARGE	RENEW. CHARGE	TRANSITION +Def Adj +Pension Adj	DISTRIB. CHARGE	DSMAAdj
ADDITIONAL CHARGES													
STREETLIGHTING ADDITIONAL CHARGES													
POLE AND UG pre DEC 1985		\$213.60	\$212.05	\$0.00	\$212.05	\$213.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$1.55)	\$0.00
POLE AND UG post DEC 1985		\$536.40	\$532.51	\$0.00	\$532.51	\$536.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$3.89)	\$0.00
CUST UG COST pre DEC 1985		\$57.00	\$56.59	\$0.00	\$56.59	\$57.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.41)	\$0.00
CUST UG COST post DEC 1985		\$231.60	\$229.92	\$0.00	\$229.92	\$231.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$1.68)	\$0.00
POLE & UG & EXT pre DEC 1985		\$264.60	\$262.68	\$0.00	\$262.68	\$264.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$1.92)	\$0.00
CUST. UG & EXT post DEC 1985		\$108.00	\$107.22	\$0.00	\$107.22	\$108.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.78)	\$0.00
SECONDARY EXTENSION		\$51.00	\$50.63	\$0.00	\$50.63	\$51.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.37)	\$0.00
CITY OF CAMBRIDGE CONT.		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL													
AREALIGHTING ADDITIONAL CHARGES													
WOOD POLES < DEC 1985		\$64.20	\$63.74	\$0.00	\$63.74	\$64.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.46)	\$0.00
WOOD POLES > DEC 1985< JAN 1996		\$98.40	\$97.69	\$0.00	\$97.69	\$98.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.71)	\$0.00
WOOD POLES > JAN 1996 -30FT		\$106.20	\$105.43	\$0.00	\$105.43	\$106.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.77)	\$0.00
WOOD POLES > JAN 1996 -35FT		\$105.00	\$104.24	\$0.00	\$104.24	\$105.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.76)	\$0.00
WOOD POLES > JAN 1996 -40FT		\$115.80	\$114.96	\$0.00	\$114.96	\$115.80	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.84)	\$0.00
150FT OF SECONDARY WIRE		\$60.20	\$59.77	\$0.00	\$59.77	\$60.24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.47)	\$0.00
TOTAL													
TOTAL ADDITIONAL CHARGES													

CAMBRIDGE ELECTRIC LIGHT COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
TOTAL CALCULATED PROFORMA REVENUES

OUTDOOR LIGHTING	KWH	# OF UNITS	TOTAL KWH	SPECIFIC FACILITIES REVENUES	CUSTOMER REVENUES	XMISSION REVENUES	DSM REVENUES	RENEW. REVENUES	+DEF ADJ TRANSITION REVENUES	DISTRIB. REVENUES	STANDARD OFFER REVENUES	TOTAL REVENUES
STREETLIGHTING SERVICE												
INCANDESCENT												
1000L	420	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2500L	808	1	808	\$105	\$18	\$11	\$2	\$0	\$5	(\$13)	\$41	\$169
6000L	1792	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL		1	808	\$105	\$18	\$11	\$2	\$0	\$5	(\$13)	\$41	\$169
MERCURY VAPOR												
4200L	524	32	16,768	\$2,784	\$588	\$223	\$42	\$8	\$106	(\$251)	\$855	\$4,336
8600L	864	79	68,256	\$7,025	\$1,403	\$901	\$171	\$34	\$432	(\$1,105)	\$3,481	\$12,341
12100L	1204	70	84,280	\$6,124	\$1,243	\$1,109	\$211	\$42	\$533	(\$1,384)	\$4,298	\$12,176
22500L	1896	286	542,256	\$28,623	\$5,079	\$7,139	\$1,356	\$271	\$3,432	(\$9,112)	\$27,655	\$64,443
TWIN 22500L	3792	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
63000L	4540	23	104,420	\$3,858	\$408	\$1,374	\$261	\$52	\$661	(\$1,816)	\$5,325	\$10,125
TOTAL		490	815,980	\$48,414	\$8,702	\$10,745	\$2,040	\$408	\$5,165	(\$13,667)	\$41,615	\$103,422
HIGH PRESSURE SODIUM												
4000L	240	18	4,320	\$1,523	\$320	\$56	\$11	\$2	\$27	(\$58)	\$220	\$2,101
5800L	344	33	11,352	\$2,760	\$586	\$150	\$28	\$6	\$72	(\$93)	\$579	\$4,089
9500L	484	2415	1,168,860	\$205,178	\$42,890	\$15,359	\$2,922	\$684	\$7,399	(\$11,495)	\$59,612	\$322,450
16000L	704	1178	829,312	\$100,790	\$20,921	\$10,885	\$2,073	\$415	\$5,250	(\$10,048)	\$42,295	\$172,580
27500L	1220	881	1,074,820	\$79,079	\$15,647	\$14,166	\$2,687	\$537	\$6,804	(\$16,325)	\$54,816	\$157,411
50000L	1940	755	1,464,700	\$75,198	\$13,409	\$19,298	\$3,662	\$732	\$9,272	(\$23,647)	\$74,700	\$172,623
TOTAL		5280	4,553,364	\$464,528	\$93,773	\$59,915	\$11,383	\$2,277	\$28,823	(\$61,666)	\$232,222	\$831,254

**CAMBRIDGE ELECTRIC LIGHT COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
TOTAL CALCULATED PROFORMA REVENUES**

OUTDOOR LIGHTING	KWH	# OF UNITS	TOTAL KWH	SPECIFIC FACILITIES REVENUES	CUSTOMER REVENUES	XMISSION REVENUES	DSM REVENUES	RENEW. REVENUES	+DEF ADJ TRANSITION REVENUES	DISTRIB. REVENUES	STANDARD OFFER REVENUES	TOTAL REVENUES
FLOODLIGHTING SERVICE												
MERCURY VAPOR												
22500L	1868	13	24,284	\$2,326	\$658	\$320	\$61	\$12	\$154	(\$366)	\$1,238	\$4,403
63000L	4456	4	17,824	\$736	\$203	\$235	\$45	\$9	\$113	(\$288)	\$909	\$1,961
TOTAL		17	42,108	\$3,062	\$861	\$555	\$105	\$21	\$267	(\$653)	\$2,148	\$6,365
HIGH PRESSURE SODIUM												
16000L	756	2	1,512	\$135	\$101	\$20	\$4	\$1	\$10	(\$17)	\$77	\$330
27500L	1236	104	128,544	\$16,224	\$5,267	\$1,697	\$321	\$64	\$814	(\$1,710)	\$6,556	\$29,233
50000L	1856	345	640,320	\$55,021	\$17,471	\$8,446	\$1,601	\$320	\$4,053	(\$8,811)	\$32,656	\$110,756
TOTAL		451	770,376	\$71,379	\$22,839	\$10,163	\$1,926	\$385	\$4,876	(\$10,538)	\$39,289	\$140,319
METAL HALIDE												
36000L	1812	9	16,308	\$649	\$456	\$215	\$41	\$8	\$103	(\$243)	\$832	\$2,061
AREA LIGHTING SERVICE												
HIGH PRESSURE SODIUM												
4000L	240	4	960	\$338	\$203	\$12	\$2	\$0	\$6	\$1	\$49	\$612
5800L	344	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9500L	484	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
16000L	704	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27500L	1220	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
50000L	1940	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL		4	960	\$338	\$203	\$12	\$2	\$0	\$6	\$1	\$49	\$612
TOTAL FIXTURE CHARGES												
		6,252	6,199,904	\$588,475	\$126,851	\$81,616	\$15,500	\$3,100	\$39,245	(\$86,780)	\$316,195	\$1,084,201

CAMBRIDGE ELECTRIC LIGHT COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
TOTAL CALCULATED PROFORMA REVENUES

OUTDOOR LIGHTING	KWH	# OF UNITS	TOTAL KWH	SPECIFIC FACILITIES REVENUES	CUSTOMER REVENUES	XMISSION REVENUES	DSM REVENUES	RENEW. REVENUES	+DEF ADJ TRANSITION REVENUES	DISTRIB. REVENUES	STANDARD OFFER REVENUES	TOTAL REVENUES
ADDITIONAL CHARGES												
STREETLIGHTING ADDITIONAL CHARGES												
POLE AND UNDERGROUND SERVICE		1631		\$348,382	\$0	\$0	\$0	\$0	\$0	(\$2,528)	\$0	\$345,854
POLE AND UNDERGROUND SERVICE		0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CUSTOMER UNDERGROUND COST <		1		\$57	\$0	\$0	\$0	\$0	\$0	(\$0)	\$0	\$57
CUSTOMER UNDERGROUND COST >		0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
POLE & UND. SERV. <DEC 1985 PLUS		0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CUST. UND. COST <DEC 1985 PLUS S		341		\$36,828	\$0	\$0	\$0	\$0	\$0	(\$266)	\$0	\$36,562
SECONDARY EXTENSION		0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CITY OF CAMBRIDGE CONTRACTS		0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL		1973		\$385,267	\$0	\$0	\$0	\$0	\$0	(\$2,794)	\$0	\$382,472
AREALIGHTING ADDITIONAL CHARGES												
WOOD POLES < DEC 1985		12		\$770	\$0	\$0	\$0	\$0	\$0	(\$6)	\$0	\$765
WOOD POLES > DEC 1985< JAN 1996		7		\$689	\$0	\$0	\$0	\$0	\$0	(\$5)	\$0	\$684
WOOD POLES > JAN 1996 -30FT		2		\$212	\$0	\$0	\$0	\$0	\$0	(\$2)	\$0	\$211
WOOD POLES > JAN 1996 -35FT		14		\$1,470	\$0	\$0	\$0	\$0	\$0	(\$11)	\$0	\$1,459
WOOD POLES > JAN 1996 -40FT		0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
150FT OF SECONDARY WIRE		0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL		21		\$3,142	\$0	\$0	\$0	\$0	\$0	(\$23)	\$0	\$3,119
TOTAL ADDITIONAL CHARGES		1994		\$388,408	\$0	\$0	\$0	\$0	\$0	(\$2,817)	\$0	\$385,591
GRAND TOTAL				\$976,883	\$126,851	\$81,616	\$15,500	\$3,100	\$39,245	(\$89,598)	\$316,195	\$1,469,792
PROPOSED REVENUES ADJUSTED TO BOOK												\$1,469,792
DIFFERENCE				\$1,014,136				\$0				\$0

CAMBRIDGE ELECTRIC LIGHT COMPANY
RATE REDUCTION PROOF

	Retail Access 3/1/1998 Adj. For DSM	Pre-Rad Rates	Inflation Factor	Inflated Rates	Proposed True-Up 01/01/2004	Percent Change
R-1						
Customer Charge	6.87	\$7.63	1.168	\$8.91	\$7.57	-15.07%
Energy Charges						
Distribution	2.434				2.708	
Transition	2.507				0.253	
Transmission	1.310				1.683	
Transition Rate Adj					-0.002	
Pension Adjustment					0.124	
DSM	0.330				0.250	
Renewables	0.075				0.050	
Default Service Adj					0.265	
Standard Offer	2.800				5.100	
Total Energy	9.456	10.507	1.168	12.274	10.431	-15.02%
R-2						
Customer Charge	4.51	\$5.01	1.168	\$5.85	\$4.97	-15.08%
Energy Charges						
Distribution	0.275				0.327	
Transition	2.507				0.253	
Transmission	1.310				1.683	
Transition Rate Adj					-0.003	
Pension Adjustment					0.124	
DSM	0.330				0.250	
Renewables	0.075				0.050	
Default Service Adj					0.265	
Standard Offer	2.800				5.100	
Total Energy	7.297	8.108	1.168	9.472	8.049	-15.02%
R-3						
Customer Charge	7.77	\$8.63	1.168	\$10.08	\$8.57	-14.99%
Energy Charges						
Distribution	2.926				3.209	
Transition	2.507				0.253	
Transmission	1.541				1.980	
Transition Rate Adj					-0.003	
Pension Adjustment					0.124	
DSM	0.330				0.250	
Renewables	0.075				0.050	
Default Service Adj					0.265	
Standard Offer	2.800				5.100	
Total Energy	10.179	11.310	1.168	13.212	11.228	-15.02%
R-4						
Customer Charge	5.09	\$5.66	1.168	\$6.61	\$5.62	-15.00%
Energy Charges						
Distribution	0.514				0.549	
Transition	2.507				0.253	
Transmission	1.541				1.980	
Transition Rate Adj					-0.004	
Pension Adjustment					0.124	
DSM	0.330				0.250	
Renewables	0.075				0.050	
Default Service Adj					0.265	
Standard Offer	2.800				5.100	
Total Energy	7.767	8.630	1.168	10.082	8.567	-15.02%

**CAMBRIDGE ELECTRIC LIGHT COMPANY
RATE REDUCTION PROOF**

	Retail Access 3/1/1998 Adj. For DSM	Pre-Rad Rates	Inflation Factor	Inflated Rates	Proposed True-Up 01/01/2004	Percent Change
R-5						
Customer Charge	10.47	\$11.63	1.168	\$13.59	\$11.55	-14.99%
Energy Charges - Peak Period						
Distribution	9.281				14.803	
Transition	10.134				0.446	
Transmission	2.257				3.815	
Transition Rate Adj					0.880	
Pension Adjustment					0.124	
DSM	0.330				0.250	
Renewables	0.075				0.050	
Default Service Adj					0.265	
Standard Offer	2.800				5.100	
Total Energy	24.877	27.641	1.168	32.290	25.732	-20.31%
Energy Charges - Low Load						
Distribution	1.098				0.000	
Transition	0.323				0.200	
Transmission	0.196				0.000	
Transition Rate Adj					-0.200	
Pension Adjustment					0.124	
DSM	0.330				0.250	
Renewables	0.075				0.050	
Default Service Adj					0.265	
Standard Offer	2.800				5.100	
Total Energy	4.822	5.358	1.168	6.259	5.789	-7.51%
R-6						
Customer Charge	11.37	\$12.63	1.168	\$14.75	\$12.54	-15.01%
Energy Charges - Peak Period						
Distribution	12.282				23.544	
Transition	11.154				1.856	
Transmission	1.641				2.108	
Transition Rate Adj					-1.856	
Pension Adjustment					0.124	
DSM	0.330				0.250	
Renewables	0.075				0.050	
Default Service Adj					0.265	
Standard Offer	2.800				5.100	
Total Energy	28.282	31.672	1.168	36.999	31.442	-15.02%
Energy Charges - Low Load						
Distribution	1.604				0.083	
Transition	0.323				0.000	
Transmission	0.195				0.251	
Transition Rate Adj					0.000	
Pension Adjustment					0.124	
DSM	0.330				0.250	
Renewables	0.075				0.050	
Default Service Adj					0.265	
Standard Offer	2.800				5.100	
Total Energy	5.327	6.167	1.168	7.204	6.122	-15.02%

CAMBRIDGE ELECTRIC LIGHT COMPANY
RATE REDUCTION PROOF

	Retail Access 3/1/1998 Adj. For DSM	Pre-Rad Rates	Inflation Factor	Inflated Rates	Proposed True-Up 01/01/2004	Percent Change
G-0						
Customer Charge	4.62	\$5.13	1.168	\$5.99	\$5.09	-15.07%
Energy Charges						
Distribution	2.075				2.324	
Transition	2.507				0.253	
Transmission	1.228				1.578	
Transition Rate Adj					-0.001	
Pension Adjustment					0.124	
DSM	0.330				0.250	
Renewables	0.075				0.050	
Default Service Adj					0.265	
Standard Offer	2.800				5.100	
Total Energy	9.015	10.016	1.168	11.701	9.943	-15.02%
G-1						
Customer Charge	7.32	\$8.13	1.168	\$9.50	\$8.07	-15.03%
Demand Charges < 10 Kw						
Distribution	0.87				3.33	
Transition	4.00				0.82	
Transmission	3.65				4.69	
Transition Rate Adj					0.25	
Total Demand	8.52	9.47	1.168	11.06	9.09	-17.83%
Demand Charges > 10 Kw						
Distribution	4.12				6.91	
Transition	4.00				0.82	
Transmission	3.65				4.69	
Transition Rate Adj					0.25	
Total Demand	11.77	13.08	1.168	15.28	12.67	-17.08%
Energy Charges						
Distribution	0.815				0.000	
Transition	1.142				0.000	
Transmission	0.000				0.000	
Transition Rate Adj						
Pension Adjustment					0.124	
DSM	0.330				0.250	
Renewables	0.075				0.050	
Default Service Adj					0.265	
Standard Offer	2.800				5.100	
Total Energy	5.162	5.736	1.168	6.701	5.789	-13.61%

**CAMBRIDGE ELECTRIC LIGHT COMPANY
RATE REDUCTION PROOF**

	Retail Access 3/1/1998 Adj. For DSM	Pre-Rad Rates	Inflation Factor	Inflated Rates	Proposed True-Up 01/01/2004	Percent Change
G-2						
Customer Charge	90.12	\$100.13	1.168	\$116.97	\$99.40	-15.02%
Demand Charges < 100 Kva						
Distribution	1.09				0.00	
Transition	4.56				1.16	
Transmission	0.80				5.65	
Total Demand	6.45	6.72	1.168	7.85	6.81	-13.25%
Demand Charges > 100 Kva						
Distribution	2.06				4.62	
Transition	4.56				1.16	
Transmission	5.89				5.65	
Total Demand	12.51	13.45	1.168	15.71	11.43	-27.25%
Energy Charges - Peak Period						
Distribution	0.493				0.556	
Transition	1.992				0.000	
Transmission	0.000				0.000	
Transition Rate Adj					0.046	
Pension Adjustment					0.124	
DSM	0.330				0.250	
Renewables	0.075				0.050	
Default Service Adj					0.265	
Standard Offer	2.800				5.100	
Total Energy	5.690	6.438	1.168	7.521	6.391	-15.02%
Energy Charges - Low A						
Distribution	0.493				0.000	
Transition	1.405				-0.046	
Transmission	0.000				0.000	
Transition Rate Adj					0.046	
Pension Adjustment					0.124	
DSM	0.330				0.250	
Renewables	0.075				0.050	
Default Service Adj					0.265	
Standard Offer	2.800				5.100	
Total Energy	5.103	5.786	1.168	6.759	5.789	-14.35%
Energy Charges - Low B						
Distribution	0.493				0.000	
Transition	0.873				-0.046	
Transmission	0.000				0.000	
Transition Rate Adj					0.046	
Pension Adjustment					0.124	
DSM	0.330				0.250	
Renewables	0.075				0.050	
Default Service Adj					0.265	
Standard Offer	2.800				5.100	
Total Energy	4.571	5.195	1.168	6.069	5.789	-4.61%

**CAMBRIDGE ELECTRIC LIGHT COMPANY
RATE REDUCTION PROOF**

	Retail Access 3/1/1998 Adj. For DSM	Pre-Rad Rates	Inflation Factor	Inflated Rates	Proposed True-Up 01/01/2004	Percent Change
G-3						
Customer Charge	90.12	\$100.13	1.168	\$116.97	\$99.40	-15.02%
Demand Charges < 100 Kva						
Distribution	0.00				0.00	
Transition	256.50				110.00	
Transmission	305.69				510.00	
Total Demand	562.19	624.66	1.168	729.73	620.00	-15.04%
Demand Charges > 100 Kva						
Distribution	1.47				0.45	
Transition	6.89				1.10	
Transmission	3.06				5.70	
Total Demand	11.42	11.50	1.168	13.43	7.25	-46.03%
Energy Charges - Peak Period						
Distribution	0.000				0.000	
Transition	1.697				0.000	
Transmission	0.000				0.000	
Transition Rate Adj					0.000	
Pension Adjustment					0.124	
DSM	0.330				0.250	
Renewables	0.075				0.050	
Default Service Adj					0.265	
Standard Offer	2.800				5.100	
Total Energy	4.902	5.695	1.168	6.653	5.789	-12.99%
Energy Charges - Low A						
Distribution	0.000				0.000	
Transition	1.130				0.000	
Transmission	0.000				0.000	
Transition Rate Adj					0.000	
Pension Adjustment					0.124	
DSM	0.330				0.250	
Renewables	0.075				0.050	
Default Service Adj					0.265	
Standard Offer	2.800				5.100	
Total Energy	4.335	5.064	1.168	5.916	5.789	-2.14%
Energy Charges - Low B						
Distribution	0.000				0.000	
Transition	0.618				0.000	
Transmission	0.000				0.000	
Transition Rate Adj					0.000	
Pension Adjustment					0.124	
DSM	0.330				0.250	
Renewables	0.075				0.050	
Default Service Adj					0.265	
Standard Offer	2.800				5.100	
Total Energy	3.823	4.495	1.168	5.251	5.789	10.24%

**CAMBRIDGE ELECTRIC LIGHT COMPANY
RATE REDUCTION PROOF**

	Retail Access 3/1/1998 Adj. For DSM	Pre-Rad Rates	Inflation Factor	Inflated Rates	Proposed True-Up 01/01/2004	Percent Change
G-4						
Customer Charge	10.92	\$12.13	1.168	\$14.17	\$12.04	-15.03%
Demand Charges - Peak Kw						
Distribution	1.14				4.98	
Transition	6.98				0.99	
Transmission	3.65				4.59	
Transition Rate Adj					-0.13	
Default Service Adj						
Total Demand	11.77	13.08	1.168	15.28	10.43	-31.74%
Energy Charges - Peak Period						
Distribution	0.727				0.254	
Transition	1.546				0.000	
Transmission	0.000				0.000	
Transition Rate Adj					0.000	
Pension Adjustment					0.124	
DSM	0.330				0.250	
Renewables	0.075				0.050	
Default Service Adj					0.265	
Standard Offer	2.800				5.100	
Total Energy	5.478	6.087	1.168	7.111	6.043	-15.02%
Energy Charges - Low Load						
Distribution	0.727				0.000	
Transition	0.516				0.000	
Transmission	0.000				0.000	
Transition Rate Adj					0.000	
Pension Adjustment					0.124	
DSM	0.330				0.250	
Renewables	0.075				0.050	
Default Service Adj					0.265	
Standard Offer	2.800				5.100	
Total Energy	4.448	4.942	1.168	5.773	5.789	0.27%
G-5						
Customer Charge	7.2	\$8.00	1.168	\$9.35	\$7.94	-15.04%
Energy Charges < 5000 Kwh						
Distribution	0.384				0.477	
Transition	2.507				0.253	
Transmission	1.148				1.475	
Transition Rate Adj					-0.003	
Pension Adjustment					0.124	
DSM	0.330				0.250	
Renewables	0.075				0.050	
Default Service Adj					0.265	
Standard Offer	2.800				5.100	
Total Energy	7.244	8.049	1.168	9.403	7.990	-15.02%
Energy Charges > 5000 Kwh						
Distribution	0.942				1.007	
Transition	2.507				0.253	
Transmission	1.616				2.076	
Transition Rate Adj					-0.003	
Pension Adjustment					0.124	
DSM	0.330				0.250	
Renewables	0.075				0.050	
Default Service Adj					0.265	
Standard Offer	2.800				5.100	
Total Energy	8.270	9.189	1.168	10.735	9.122	-15.02%

**CAMBRIDGE ELECTRIC LIGHT COMPANY
RATE REDUCTION PROOF**

	Retail Access 3/1/1998 Adj. For DSM	Pre-Rad Rates	Inflation Factor	Inflated Rates	Proposed True-Up 01/01/2004	Percent Change
G-6(note: no customers on this rate)						
Customer Charge	8.22	\$9.13	1.168	\$10.67	\$9.06	-15.05%
Energy Charges - Peak Period						
Distribution	5.058				7.883	
Transition	6.860				0.858	
Transmission	3.205				5.350	
Transition Rate Adj					-0.001	
Pension Adjustment					0.124	
DSM	0.330				0.250	
Renewables	0.075				0.050	
Default Service Adj					0.265	
Standard Offer	2.800				5.100	
Total Energy	18.328	20.365	1.168	23.790	19.879	-16.44%
Energy Charges - Low Load						
Distribution	0.827				0.000	
Transiton	0.687				0.001	
Transmission	0.400				0.000	
Transition Rate Adj					-0.001	
Pension Adjustment					0.124	
DSM	0.330				0.250	
Renewables	0.075				0.050	
Default Service Adj					0.265	
Standard Offer	2.800				5.100	
Total Energy	5.119	5.689	1.168	6.646	5.789	-12.89%

CAMBRIDGE ELECTRIC LIGHT COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
CONSOLIDATED SUMMARY - RATE COMPARISON

OUTDOOR LIGHTING SERVICE	LUMINAIRE CHARGE(1)	XMISSION CHARGE	DSM RENEW FUEL CHG	PRE-RAD TOTAL CHARGES	LUMINAIRE CHARGE(1)	XMISSION CHARGE	DEF ADJ TRANSITION CHARGE	DSM RENEW SOS	JAN 2004 TOTAL CHARGES	PERCENT CHANGE
<u>STREETLIGHTING SERVICE</u>										
INCANDESCENT										
1000L	\$132.57	\$4.31	\$16.38	\$153.26	\$121.29	\$5.52	\$2.66	\$22.68	\$152.15	-15.018%
2500L	\$130.01	\$8.28	\$31.51	\$169.80	\$109.14	\$10.68	\$5.11	\$43.63	\$168.57	-15.020%
6000L	\$150.68	\$18.37	\$69.89	\$238.94	\$105.46	\$23.64	\$11.34	\$96.77	\$237.21	-15.018%
TOTAL										
MERCURY VAPOR										
4200L	\$110.68	\$5.37	\$20.44	\$136.49	\$96.93	\$6.96	\$3.32	\$28.30	\$135.50	-15.016%
8600L	\$114.80	\$8.86	\$33.70	\$157.35	\$92.69	\$11.40	\$5.47	\$46.66	\$156.22	-15.018%
12100L	\$115.92	\$12.34	\$46.96	\$175.22	\$85.47	\$15.84	\$7.62	\$65.02	\$173.95	-15.020%
22500L	\$133.59	\$19.43	\$73.94	\$226.97	\$85.98	\$24.96	\$12.00	\$102.38	\$225.33	-15.019%
TWIN 22500L	\$200.58	\$38.87	\$147.89	\$387.34	\$105.84	\$49.92	\$24.00	\$204.77	\$384.53	-15.019%
63000L	\$219.85	\$46.54	\$177.06	\$443.45	\$106.57	\$59.76	\$28.74	\$245.16	\$440.23	-15.019%
TOTAL										
HIGH PRESSURE SODIUM										
4000L	\$105.76	\$2.46	\$9.36	\$117.58	\$99.13	\$3.12	\$1.52	\$12.96	\$116.73	-15.015%
5800L	\$107.86	\$3.53	\$13.42	\$124.81	\$98.59	\$4.56	\$2.18	\$18.58	\$123.90	-15.017%
9500L	\$110.65	\$4.96	\$18.88	\$134.49	\$97.96	\$6.36	\$3.06	\$26.14	\$133.52	-15.017%
16000L	\$112.90	\$7.22	\$27.46	\$147.57	\$94.79	\$9.24	\$4.46	\$38.02	\$146.50	-15.017%
27500L	\$119.89	\$12.51	\$47.58	\$179.98	\$88.99	\$16.08	\$7.72	\$65.88	\$178.67	-15.019%
50000L	\$134.76	\$19.89	\$75.66	\$230.31	\$86.04	\$25.56	\$12.28	\$104.76	\$228.64	-15.017%
TOTAL										

**CAMBRIDGE ELECTRIC LIGHT COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
CONSOLIDATED SUMMARY - RATE COMPARISON**

	LUMINAIRE CHARGE(1)	XMISSION CHARGE	DSM RENEW FUEL CHG	PRE-RAD TOTAL CHARGES	LUMINAIRE CHARGE(1)	XMISSION CHARGE	DEF ADJ TRANSITION CHARGE	DSM RENEW SOS	JAN 2004 TOTAL CHARGES	PERCENT CHANGE
OUTDOOR LIGHTING SERVICE										
FLOODLIGHTING SERVICE										
MERCURY VAPOR										
22500L	\$249.19	\$19.15	\$72.85	\$341.19	\$201.42	\$24.60	\$11.82	\$100.87	\$338.72	-15.020%
63000L	\$274.46	\$45.67	\$173.78	\$493.91	\$162.82	\$58.68	\$28.21	\$240.62	\$490.33	-15.019%
TOTAL										
HIGH PRESSURE SODIUM										
16000L	\$128.95	\$7.75	\$29.48	\$166.18	\$109.41	\$9.96	\$4.79	\$40.82	\$164.98	-15.019%
27500L	\$222.26	\$12.67	\$48.20	\$283.14	\$190.20	\$16.32	\$7.82	\$66.74	\$281.09	-15.018%
50000L	\$231.97	\$19.02	\$72.38	\$323.37	\$184.58	\$24.48	\$11.75	\$100.22	\$321.03	-15.018%
TOTAL										
METAL HALIDE										
36000L	\$141.40	\$18.57	\$70.67	\$230.64	\$95.77	\$23.88	\$11.47	\$97.85	\$228.97	-15.018%
AREA LIGHTING SERVICE										
HIGH PRESSURE SODIUM										
4000L	\$142.36	\$2.46	\$9.36	\$154.18	\$135.45	\$3.12	\$1.52	\$12.96	\$153.05	-15.024%
5800L	\$144.46	\$3.53	\$13.42	\$161.41	\$134.91	\$4.56	\$2.18	\$18.58	\$160.22	-15.025%
9500L	\$147.25	\$4.96	\$18.88	\$171.09	\$134.29	\$6.36	\$3.06	\$26.14	\$169.85	-15.020%
16000L	\$149.50	\$7.22	\$27.46	\$184.17	\$131.12	\$9.24	\$4.46	\$38.02	\$182.83	-15.020%
27500L	\$156.49	\$12.51	\$47.58	\$216.58	\$125.33	\$16.08	\$7.72	\$65.88	\$215.01	-15.017%
50000L	\$171.36	\$19.89	\$75.66	\$266.91	\$122.37	\$25.56	\$12.28	\$104.76	\$264.97	-15.019%
TOTAL										
TOTAL FIXTURE CHARGES										

**CAMBRIDGE ELECTRIC LIGHT COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
CONSOLIDATED SUMMARY - RATE COMPARISON**

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OUTDOOR LIGHTING SERVICE	LUMINAIRE CHARGE(1)	XMISSION CHARGE	DSM RENEW FUEL CHG	PRE-RAD TOTAL CHARGES	LUMINAIRE CHARGE(1)	XMISSION CHARGE	DEF ADJ TRANSITION CHARGE	DSM RENEW SOS	JAN 2004 TOTAL CHARGES	PERCENT CHANGE
ADDITIONAL CHARGES										
STREETLIGHTING ADDITIONAL CHARGES										
POLE AND UNDERGROUND SERVICES <I	\$213.60	\$0.00	\$0.00	\$213.60	\$212.05	\$0.00	\$0.00	\$0.00	\$212.05	-15.019%
POLE AND UNDERGROUND SERVICES >I	\$536.40	\$0.00	\$0.00	\$536.40	\$532.51	\$0.00	\$0.00	\$0.00	\$532.51	-15.019%
CUSTOMER UNDERGROUND COST <DEC	\$57.00	\$0.00	\$0.00	\$57.00	\$56.59	\$0.00	\$0.00	\$0.00	\$56.59	-15.014%
CUSTOMER UNDERGROUND COST >DEC	\$231.60	\$0.00	\$0.00	\$231.60	\$229.92	\$0.00	\$0.00	\$0.00	\$229.92	-15.019%
POLE & UND. SERV. <DEC 1985 PLUS SEI	\$264.60	\$0.00	\$0.00	\$264.60	\$262.68	\$0.00	\$0.00	\$0.00	\$262.68	-15.019%
CUST. UND. COST <DEC 1985 PLUS SEC.	\$108.00	\$0.00	\$0.00	\$108.00	\$107.22	\$0.00	\$0.00	\$0.00	\$107.22	-15.016%
SECONDARY EXTENSION	\$51.00	\$0.00	\$0.00	\$51.00	\$50.63	\$0.00	\$0.00	\$0.00	\$50.63	-15.019%
CITY OF CAMBRIDGE CONTRACTS										
TOTAL										
AREALIGHTING ADDITIONAL CHARGES										
WOOD POLES < DEC 1985	\$64.20	\$0.00	\$0.00	\$64.20	\$63.74	\$0.00	\$0.00	\$0.00	\$63.74	-15.012%
WOOD POLES > DEC 1985< JAN 1996	\$98.40	\$0.00	\$0.00	\$98.40	\$97.69	\$0.00	\$0.00	\$0.00	\$97.69	-15.016%
WOOD POLES > JAN 1996 -30FT	\$106.20	\$0.00	\$0.00	\$106.20	\$105.43	\$0.00	\$0.00	\$0.00	\$105.43	-15.019%
WOOD POLES > JAN 1996 -35FT	\$105.00	\$0.00	\$0.00	\$105.00	\$104.24	\$0.00	\$0.00	\$0.00	\$104.24	-15.018%
WOOD POLES > JAN 1996 -40FT	\$115.80	\$0.00	\$0.00	\$115.80	\$114.96	\$0.00	\$0.00	\$0.00	\$114.96	-15.019%
150FT OF SECONDARY WIRE	\$60.20	\$0.00	\$0.00	\$60.20	\$59.77	\$0.00	\$0.00	\$0.00	\$59.77	-15.010%
TOTAL										
TOTAL ADDITIONAL CHARGES										

(1) LUMINAIRE CHARGE INCLUDES SPECIFIC FACILITIES,CUSTOMER AND DISTRIBUTION CHARGES.

CAMBRIDGE ELECTRIC LIGHT COMPANY												
Analysis of Unbundled Rates Under Restructuring												
Date	CPI Index	Cumulative Inflation Factor	Dist	DSM	Renew	Xmission	Estimated Transition	Standard Offer	Default Adjust.	Estimated Total	Rate Cap	Inflated Rate Savings
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12) (13)
03/01/98	1.6207	n/a	1.220	0.330	0.075	1.094	2.730	2.800	0.000	8.249	8.249	9.166 10.0%
01/01/99	1.6440	1.0243	1.220	0.310	0.100	1.094	1.447	3.500	0.000	7.671	8.450	9.389 18.3%
03/01/99	1.6477	1.0266	1.220	0.310	0.100	1.094	1.447	3.500	0.000	7.671	8.469	9.410 18.5%
09/01/99	1.6729	1.0423	1.429	0.310	0.100	1.094	1.224	3.500	0.000	7.657	8.120	9.554 19.9%
01/01/00	1.7090	1.0650	1.443	0.285	0.125	0.779	0.294	3.800	0.000	6.726	8.297	9.762 31.1%
03/01/00	1.7090	1.0650	1.443	0.285	0.125	0.779	0.294	3.800	0.000	6.726	8.297	9.762 31.1%
01/01/01	1.7800	1.1090	1.443	0.270	0.100	1.442	1.445	3.800	0.000	8.500	8.640	10.165 16.4%
03/01/01	1.7800	1.1090	1.443	0.270	0.100	1.442	1.445	3.800	0.000	8.500	8.640	10.165 16.4%
01/01/02	1.8020	1.1227	1.443	0.250	0.075	1.079	1.139	4.200	0.250	8.436	8.747	10.291 18.0%
03/01/02	1.8020	1.1227	1.443	0.250	0.075	1.079	1.139	4.200	0.250	8.436	8.747	10.291 18.0%
01/01/03	1.8370	1.1445	1.443	0.250	0.050	1.976	0.200	4.700	0.160	8.779	8.916	10.490 16.3%
03/01/03	1.8370	1.1445	1.443	0.250	0.050	1.976	0.200	4.700	0.160	8.779	8.916	10.490 16.3%
01/01/04	1.8750	1.1682	1.308	0.250	0.050	1.427	0.398	5.100	0.265	8.798	8.801	10.354 15.0%
03/01/04	1.8750	1.1682	1.308	0.250	0.050	1.427	0.398	5.100	0.265	8.798	8.801	10.354 15.0%
Assumptions:												
Starting Rates		9.166	cents/kwh									
Starting Date		08/01/97										
Starting Index		1.6050										
Notes:												
(1)	Data reflects All Urban CPI from Bureau of Labor Statistics. Data is actual through October 2002.											
(2)	Col. 1 / Starting Index											
(10)	Sum(Col. 3,4,5,6,7,8,9)											
(11)	Col. 10 * 0.9 for periods prior to 9/1/99. Col 12 * 0.85 for 9/1/99 and thereafter.											
(12)	Starting rate * Col. 2											
(13)	(1-(Col. 9/Col. 12))*100											

Cambridge Electric Light Company
Year 2002
Transition Revenue Analysis

Rate	Billed kWh a	Billed Trans & DSA b	DSA Rate c	DSA\$ d	Theoretical Rate e	Theoretical Transition \$ f	Year 2002 Overpayment (Underpayment) g	Nts/kWh Transition Rate Adj. h	Estimated 2004 kWh i
				a * c		a * g	b - d - h		
R-1	167,920,762	\$ 2,336,633	\$ 0.00250	\$ 419,802	\$ 0.01139	\$ 1,912,617	\$ 4,214	(0.002)	178,166,845
R-2	6,938,607	\$ 96,623	\$ 0.00250	\$ 17,347	\$ 0.01139	\$ 79,031	\$ 246	(0.003)	7,361,983
R-3	9,602,578	\$ 133,702	\$ 0.00250	\$ 24,006	\$ 0.01139	\$ 109,373	\$ 323	(0.003)	10,188,502
R-4	584,758	\$ 8,146	\$ 0.00250	\$ 1,462	\$ 0.01139	\$ 6,660	\$ 24	(0.004)	620,438
R-5	13,748	\$ 186	\$ 0.00250	\$ 34	\$ 0.01139	\$ 157	\$ (5)	0.033	14,587
R-6	15,339	\$ 352	\$ 0.00250	\$ 38	\$ 0.01139	\$ 175	\$ 139	(0.856)	16,275
G-0	46,639,712	\$ 648,253	\$ 0.00250	\$ 116,599	\$ 0.01139	\$ 531,226	\$ 427	(0.001)	49,485,545
G-1	217,501,233	\$ 2,840,228	\$ 0.00250	\$ 543,753	\$ 0.01139	\$ 2,477,339	\$ (180,864)	0.078	230,772,586
G-2	489,283,080	\$ 6,558,809	\$ 0.00250	\$ 1,223,208	\$ 0.01139	\$ 5,572,934	\$ (237,333)	0.046	519,137,847
G-3	573,285,662	\$ 7,962,266	\$ 0.00250	\$ 1,433,214	\$ 0.01139	\$ 6,529,724	\$ (672)	-	608,266,045
G-4	1,805,903	\$ 25,734	\$ 0.00250	\$ 4,515	\$ 0.01139	\$ 20,569	\$ 650	(0.034)	1,916,094
G-5	15,136,591	\$ 210,807	\$ 0.00250	\$ 37,841	\$ 0.01139	\$ 172,406	\$ 559	(0.003)	16,060,186
S-1	6,728,297	\$ 94,123	\$ 0.00250	\$ 16,821	\$ 0.01139	\$ 76,635	\$ 667	(0.009)	7,138,840
CON SSM	29,903,268	\$ 453,125	\$ 0.00250	\$ 74,758	\$ 0.01139	\$ 340,598	\$ 37,769	(0.119)	31,727,887
CON MIT	1,929,601	\$ 28,707	\$ 0.00250	\$ 4,824	\$ 0.01139	\$ 21,978	\$ 1,905	(0.093)	2,047,340
Total	1,567,289,139	\$ 21,397,696				\$ 17,851,423	\$ (371,951)	0.022	1,662,921,000
Total in Millions - overpayment = credit in 2004 reconciliation							\$ (0.372)		

Calculation of Inflation Multiplier Transition Charge Reconciliation Filing				
<u>Actual as of:</u>	<u>Inflation for:</u>	<u>CPI Index</u>	<u>Percentage Change</u>	<u>Multiplier</u>
31-Jul-97		160.5		
31-Oct-02	Oct-02	181.3	0.166%	1.1296
30-Nov-02	Nov-02	181.3	0.000%	1.1296
31-Dec-02	Dec-02	180.9	-0.221%	1.1271
31-Jan-03	Jan-03	181.7	0.442%	1.1321
28-Feb-03	Feb-03	183.7	1.101%	1.1445
31-Mar-03	Mar-03	184.2	0.272%	1.1477
30-Apr-03	Apr-03	183.8	-0.217%	1.1452
31-May-03	May-03	183.5	-0.163%	1.1433
30-Jun-03	Jun-03	183.7	0.109%	1.1445
31-Jul-03	Jul-03	183.9	0.109%	1.1458
31-Aug-03	Aug-03	184.6	0.381%	1.1502
30-Sep-03	Sep-03	185.2	0.325%	1.1539
31-Oct-03	Oct-03	185.0	-0.108%	1.1526
<u>Projected</u>				
October 2003 through June 2004		187.5	1.361%	1.168
Notes: 1. Historical Consumer Price Index - All Urban Consumers (CPI-U) obtained from the Bureau of Labor Statistics.				
2. Projected CPI growth based on the average of the actual inflation rate for the 12-month period ended October 2003: (185.0-181.3)/181.3 = 2.0408% x 8/12 = 1.3605%				

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
RESIDENTIAL RATE R-1

CUM % BILLS	CUM % KWH	MONTHLY KWH	TOTAL	PRE-RAD RATE (1) FC & CC	BASE	TOTAL	PROPOSED RATE SUPPLIER DELIVERY	DIFFERENCE AMOUNT	%
10	1	81	\$18.86	\$3.39	\$15.47	\$16.02	\$4.13	\$11.89	-15.1%
20	5	121	23.76	5.06	18.70	20.19	6.17	14.02	-15.0%
30	9	159	28.43	6.65	21.78	24.16	8.11	16.05	-15.0%
40	15	196	32.97	8.20	24.77	28.02	10.00	18.02	-15.0%
50	21	239	38.25	10.00	28.25	32.50	12.19	20.31	-15.0%
60	29	289	44.38	12.09	32.29	37.72	14.74	22.98	-15.0%
70	40	353	52.24	14.77	37.47	44.39	18.00	26.39	-15.0%
80	52	448	63.91	18.75	45.16	54.30	22.85	31.45	-15.0%
90	69	630	86.24	26.36	59.88	73.28	32.13	41.15	-15.0%
AVERAGE		315	47.58	13.18	34.40	\$40.43	\$16.07	\$24.36	-15.0%

PRE-RAD RATE

RESIDENTIAL RATE R-1

BASE RATE

CUSTOMER
ENERGY

ALL KWH @ \$7.50 PER BILL
6.925 CENTS/KWH

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

ALL KWH @ 3.490 CENTS/KWH
0.092 PER BILL
\$0.13 PER BILL

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of 16.82%

PROPOSED RATE

RESIDENTIAL RATE R-1

DELIVERY SERVICES:

CUSTOMER
DISTRIBUTION
TRANSITION
TRANSMISSION
TRANSITION RATE ADJ
DEFAULT SERV ADJ
PENSION ADJUSTMENT
DEMAND-SIDE MGT
RENEWABLE ENERGY

ALL KWH @ \$7.57 PER BILL
2.708 CENTS/KWH
0.253
1.683
(0.002)
0.265
0.124
0.250
0.050

SUPPLIER SERVICES:
SOSFA
STANDARD OFFER

ALL KWH @ 0.000 CENTS/KWH
5.100

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
RESIDENTIAL ASSISTANCE RATE R-2

CUM % BILLS	CUM % KWH	MONTHLY KWH	PRE-RAD RATE (1) TOTAL FC & CC	BASE	PROPOSED RATE TOTAL SUPPLIER DELIVERY	DIFFERENCE AMOUNT %
10	2	95	\$14.86	\$3.98	\$10.88	
20	6	137	18.83	5.73	13.10	
30	11	173	22.24	7.24	15.00	
40	17	210	25.75	8.79	16.96	
50	25	250	29.53	10.46	19.07	
60	34	297	33.99	12.43	21.56	
70	44	360	39.95	15.06	24.89	
80	57	440	47.53	18.41	29.12	
90	73	575	60.31	24.06	36.25	
AVG USE		303	34.55	12.68	21.87	

PRE-RAD RATE

RESIDENTIAL ASSISTANCE RATE R-2

BASE RATE

CUSTOMER
ENERGY

\$4.88 PER BILL
4.526 CENTS/KWH

ALL KWH @

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

3.490 CENTS/KWH
0.092
\$0.13 PER BILL

ALL KWH @

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of 16.82%

PROPOSED RATE

RESIDENTIAL ASSISTANCE RATE R-2

DELIVERY SERVICES:

CUSTOMER	ALL KWH @	\$4.97 PER BILL
DISTRIBUTION	"	0.327 CENTS/KWH
TRANSITION	"	0.253
TRANSITION	"	1.683
TRANSITION RATE ADJ	"	(0.003)
DEFAULT SERV ADJ	"	0.265
PENSION ADJUSTMENT	"	0.124
DEMAND-SIDE MGT	"	0.250
RENEWABLE ENERGY	"	0.050
SUPPLIER SERVICES:		
SOSFA	ALL KWH @	0.000 CENTS/KWH
STANDARD OFFER	"	5.100

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
RESIDENTIAL SPACE HEATING RATE R-3

MONTHLY			PRE-RAD RATE (1)		PROPOSED RATE		DIFFERENCE			
CUM % BILLS	CUM % KWH	MONTHLY KWH	TOTAL	FC & CC	BASE	TOTAL	SUPPLIER	DELIVERY	AMOUNT	%
10	2	156	\$30.70	\$6.53	\$24.17	\$26.09	\$7.96	\$18.13	(\$4.61)	-15.0%
20	4	238	41.47	9.94	31.53	35.25	12.12	23.13	(6.22)	-15.0%
30	8	296	49.17	12.38	36.79	41.79	15.09	26.70	(7.38)	-15.0%
40	13	395	62.24	16.52	45.72	52.89	20.13	32.76	(9.35)	-15.0%
50	19	508	77.20	21.26	55.94	65.61	25.91	39.70	(11.59)	-15.0%
60	29	625	92.64	26.15	66.49	78.73	31.87	46.86	(13.91)	-15.0%
70	38	778	112.93	32.57	80.36	95.97	39.70	56.27	(16.96)	-15.0%
80	50	1,026	145.66	42.94	102.72	123.78	52.33	71.45	(21.88)	-15.0%
90	68	1,472	204.51	61.58	142.93	173.80	75.05	98.75	(30.71)	-15.0%
AVG USE		702	102.81	29.37	73.44	\$87.36	\$35.79	\$51.57	(15.45)	-15.0%

PRE-RAD RATE

RES SPACE HEATING RATE R-3

BASE RATE

CUSTOMER
ENERGY

ALL KWH @

\$8.50 PER BILL
7.728 CENTS/KWH

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

ALL KWH @

3.490 CENTS/KWH
0.0920
\$0.13 PER BILL

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

16.82%

PROPOSED RATE

RES SPACE HEATING RATE R-3

DELIVERY SERVICES:

CUSTOMER	ALL KWH @	\$8.57 PER BILL
DISTRIBUTION	"	3.209 CENTS/KWH
TRANSMISSION	"	0.253
TRANSITION	"	1.980
TRANSITION RATE ADJ	"	(0.003)
DEFAULT SERV ADJ	"	0.265
PENSION ADJUSTMENT	"	0.124
DEMAND-SIDE MGT	"	0.250
RENEWABLE ENERGY	"	0.050
SUPPLIER SERVICES:		
SOSFA	ALL KWH @	0.000 CENTS/KWH
STANDARD OFFER	"	5.100

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
RES ASSISTANCE SPACE HEATING RATE R-4

MONTHLY CUM % BILLS	MONTHLY CUM % KWH	MONTHLY KWH	PRE-RAD RATE (1)		PROPOSED RATE		DIFFERENCE	
			TOTAL	FC & CC	BASE	TOTAL	DELIVERY	AMOUNT %
10	2	115	\$18.25	\$4.83	\$13.42	\$15.51	\$9.62	(\$2.74) -15.0%
20	4	177	24.46	7.41	17.05	20.79	11.76	(3.67) -15.0%
30	8	225	29.24	9.39	19.85	24.85	13.40	(4.39) -15.0%
40	11	299	36.75	12.51	24.24	31.24	15.99	(5.51) -15.0%
50	19	378	44.76	15.83	28.93	38.04	18.74	(6.72) -15.0%
60	25	435	50.41	18.18	32.23	42.85	20.69	(7.58) -15.0%
70	36	638	70.94	26.70	44.24	60.28	27.74	(10.66) -15.0%
80	47	880	95.28	36.80	58.48	80.96	36.11	(14.32) -15.0%
90	68	1,286	136.26	53.81	82.45	115.80	50.21	(20.46) -15.0%
AVG USE		577	64.82	24.16	40.66	\$55.09	\$29.45	(9.73) -15.0%

PRE-RAD RATE

RES ASSISTANCE SPACE HEATING RATE R-4

BASE RATE

CUSTOMER
ENERGY

ALL KWH @ \$5.53 PER BILL
5.048 CENTS/KWH

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

ALL KWH @ 3.490 CENTS/KWH
0.0920 PER BILL
0.13 PER BILL

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of 16.82%

PROPOSED RATE

RES ASSISTANCE SPACE HEATING RATE R-4

DELIVERY SERVICES:

CUSTOMER
DISTRIBUTION
TRANSITION
TRANSMISSION
TRANSITION RATE ADJ
DEFAULT SERV ADJ
PENSION ADJUSTMENT
DEMAND-SIDE MGT
RENEWABLE ENERGY

ALL KWH @ \$5.62 PER BILL
0.549 CENTS/KWH
0.253
1.980
(0.004)
0.265
0.124
0.250
0.050

SUPPLIER SERVICES:
SOSFA
STANDARD OFFER

ALL KWH @ 0.000 CENTS/KWH
5.100

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
RESIDENTIAL TOU RATE R-5

MONTHLY			PRE-RAD RATE (1)		PROPOSED RATE		DIFFERENCE			
CUM % BILLS	CUM % KWH	MONTHLY KWH	TOTAL	FC & CC	BASE	TOTAL	SUPPLIER	DELIVERY	AMOUNT	%
10	1	79	\$23.24	\$3.31	\$19.93	\$19.73	\$4.03	\$15.70	(\$3.51)	-15.1%
20	3	102	26.05	4.27	21.78	22.11	5.20	16.91	(3.94)	-15.1%
30	5	206	38.75	8.62	30.13	32.88	10.51	22.37	(5.87)	-15.1%
40	10	268	46.32	11.21	35.11	39.30	13.67	25.63	(7.02)	-15.2%
50	20	360	57.56	15.06	42.50	48.82	18.36	30.46	(8.74)	-15.2%
60	27	430	66.11	17.99	48.12	56.06	21.93	34.13	(10.05)	-15.2%
70	42	620	89.32	25.94	63.38	75.73	31.62	44.11	(13.59)	-15.2%
80	56	785	107.03	32.01	75.02	90.75	39.02	51.73	(16.28)	-15.2%
90	72	1,030	139.40	43.10	96.30	118.18	52.53	65.65	(21.22)	-15.2%
AVERAGE		470	\$71.00	\$19.67	\$51.33	\$60.20	\$23.97	\$36.23	(10.80)	-15.2%

PRE-RAD RATE

RESIDENTIAL TOU RATE R-5

BASE RATE

CUSTOMER

ENERGY

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of 16.82%

PROPOSED RATE

RESIDENTIAL TOU RATE R-5

DELIVERY SERVICES:

CUSTOMER

PEAK 22.88%
OFF-PEAK 77.12%
1.776 CENTS/KWH

PEAK 22.88%
OFF-PEAK 77.12%
0.000 CENTS/KWH

DISTRIBUTION
TRANSITION
TRANSMISSION
TRANSITION RATE ADJ
DEFAULT SERV ADJ
PENSION ADJUSTMENT
DEMAND-SIDE MGT
RENEWABLE ENERGY

SUPPLIER SERVICES:
SOSFA
STANDARD OFFER

0.000
5.100
0.000 CENTS/KWH
5.100

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
RESIDENTIAL SPACE HEATING TOU RATE R-6

MONTHLY CUM % BILLS	MONTHLY CUM % KWH	PRE-RAD RATE (1)		PROPOSED RATE		DIFFERENCE	
		TOTAL	FC & CC	BASE	TOTAL	DIFFERENCE	%
10	1	\$41.29	\$13.01	\$28.28	\$35.09	\$15.86	-15.0%
20	4	57.42	20.92	36.50	48.80	25.50	-15.0%
30	10	70.48	27.32	43.16	59.80	33.30	-15.0%
40	16	84.73	34.31	50.42	72.01	41.82	-15.0%
50	23	98.58	41.59	57.99	84.62	50.89	-15.0%
60	31	120.32	51.76	68.56	102.28	63.09	-15.0%
70	43	147.55	65.11	82.44	125.39	79.38	-15.0%
80	57	174.26	78.21	96.05	148.09	95.32	-15.0%
90	73	231.44	106.24	125.20	196.68	129.49	-15.0%
AVERAGE	1,257	\$122.03	\$52.60	\$69.43	\$103.71	\$64.11	-15.0%

PRE-RAD RATE

RESIDENTIAL TOU RATE R-6

BASE RATE

CUSTOMER

ENERGY	PEAK	OFF-PK	PER BILL
	4.46%	95.54%	\$12.54
	28.09	2.585	PER CENTS/KWH

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

16.82%

PROPOSED RATE

RESIDENTIAL TOU RATE R-6

DELIVERY SERVICES:

CUSTOMER

PEAK	OFF-PEAK	PER BILL
4.46%	95.54%	\$12.54
23.544	0.083	PER CENTS/KWH

DISTRIBUTION	1.856	0.000	"
TRANSITION	2.108	0.251	"
TRANSITION RATE ADJ	(1.856)	0.000	"
DEFAULT SERV ADJ	0.265	0.124	"
PENSION ADJUSTMENT	0.124	0.250	"
DEMAND-SIDE MGT	0.250	0.050	"
RENEWABLE ENERGY	0.050	0.000	"

SUPPLIER SERVICES:

SOSFA	0.000	0.000	PER CENTS/KWH
STANDARD OFFER	5.100	5.100	"

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
GENERAL RATE G-0 (NON-DEMAND)

MONTHLY CUM % BILLS	MONTHLY CUM % KWH	MONTHLY KWH	PRE-RAD RATE (1)		PROPOSED RATE		DIFFERENCE AMOUNT	DIFFERENCE %
			TOTAL	FC & CC	BASE	TOTAL	SUPPLIER	DELIVERY
10	0	49	\$11.72	\$2.05	\$9.67	\$9.96	\$2.50	\$7.46
20	1	106	18.40	4.44	13.96	15.63	5.41	10.22
30	3	184	27.52	7.70	19.82	23.38	9.38	14.00
40	6	289	39.81	12.10	27.71	33.83	14.74	19.09
50	11	430	56.30	18.00	38.30	47.85	21.93	25.92
60	16	593	75.38	24.83	50.55	64.05	30.24	33.81
70	24	825	102.52	34.54	67.98	87.13	42.08	45.05
80	36	1,149	140.44	48.11	92.33	119.34	58.60	60.74
90	54	1,702	205.14	71.26	133.88	174.32	86.80	87.52
AVERAGE		733	\$91.76	\$30.89	\$61.07	\$77.97	\$37.38	\$40.59

PRE-RAD RATE

GENERAL RATE G-0

BASE RATE

CUSTOMER
ENERGY

ALL KWH @ \$5.00 PER BILL
6.432 CENTS/KWH

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

ALL KWH @ 3.49 CENTS/KWH
0.0940 PER BILL
0.130 PER BILL

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of 16.82%

PROPOSED RATE

GENERAL RATE G-0

DELIVERY SERVICES:

CUSTOMER	ALL KWH @	\$5.00 PER BILL
DISTRIBUTION	" "	2.324 CENTS/KWH
TRANSITION	" "	0.253
TRANSMISSION	" "	1.578
TRANSITION RATE ADJ	" "	(0.0001)
DEFAULT SERV ADJ	" "	0.265
PENSION ADJUSTMENT	" "	0.124
DEMAND-SIDE MGT	" "	0.250
RENEWABLE ENERGY	" "	0.050
SUPPLIER SERVICES:		
SOSFA	ALL KWH @	0.000 CENTS/KWH
STANDARD OFFER	" "	5.100

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
GENERAL RATE G-1 (DEMAND)

LF = CUM % MONTHLY BILLS	AVERAGE MONTHLY KW	MONTHLY KWH	PRE-RAD RATE (1) TOTAL FC & CC	BASE	PROPOSED RATE TOTAL SUPPLIER	DELIVERY	DIFFERENCE AMOUNT %
10	5	1,416	\$159.70	\$59.29	\$100.41	\$63.28	(\$24.20) -15.2%
20	7	2,087	225.44	86.54	138.90	85.94	(34.06) -15.1%
30	8	2,633	274.43	110.24	164.19	98.93	(41.22) -15.0%
40	11	3,364	360.82	140.84	219.98	134.82	(54.44) -15.1%
50	14	4,298	469.31	179.99	289.32	179.27	(70.79) -15.1%
60	18	5,500	610.91	230.28	380.63	238.23	(92.18) -15.1%
70	23	7,313	808.79	306.18	502.61	314.07	(121.76) -15.1%
80	31	9,631	1,086.36	403.23	683.13	431.40	(163.78) -15.1%
90	53	16,675	1,894.52	698.15	1,196.37	758.67	(285.42) -15.1%
AVG USE	24	7,430	\$831.91	\$311.08	\$520.83	\$327.54	(125.44) -15.1%

PRE-RAD RATE

GENERAL RATE G-1

BASE RATE

CUSTOMER CHARGE

DEMAND (KW)

ENERGY

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

PROPOSED RATE

GENERAL RATE G-1

DELIVERY SERVICES:

CUSTOMER

FIRST 10 OVER 10
\$9.47 \$13.08
ALL KWH @ 2.152 CENTS/KWH

DISTRIBUTION (DEMAND)
TRANSITION
TRANSMISSION
TRANSITION RATE ADJ

DISTRIBUTION (ENERGY)
TRANSMISSION
TRANSITION
TRANSITION RATE ADJ
DEFAULT SERV ADJ
PENSION ADJUSTMENT
DEMAND-SIDE MGT
RENEWABLE ENERGY

SUPPLIER SERVICES:
SOSFA
STANDARD OFFER

FIRST 10 OVER 10
\$3.33 \$6.91
\$0.82 \$4.69
\$0.25 \$0.25
ALL KWH @
0.000 CENTS/KWH
0.000
0.000
0.000
0.265
0.124
0.250
0.050
ALL KWH @
0.000 CENTS/KWH
5.100

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
GENERAL RATE G-1 (DEMAND)

LF = CUM % MONTHLY BILLS	HIGH 0.520 MONTHLY KW	PRE-RAD RATE (1)		PROPOSED RATE		DIFFERENCE	
		TOTAL	FC & CC	TOTAL	SUPPLIER	DELIVERY	AMOUNT %
10	4	1,416	\$59.29	\$89.35	\$72.22	\$54.19	(\$22.23) -15.0%
20	5	2,067	86.54	116.78	105.42	67.76	(30.14) -14.8%
30	7	2,633	110.24	153.13	134.28	89.84	(39.25) -14.9%
40	9	3,364	140.84	193.63	171.56	113.06	(49.85) -14.9%
50	11	4,299	179.99	243.48	219.25	141.26	(62.96) -14.9%
60	14	5,500	230.28	319.51	280.50	187.55	(81.74) -14.9%
70	19	7,313	306.18	441.49	372.96	263.39	(111.32) -14.9%
80	25	9,631	403.23	591.45	491.18	355.38	(148.12) -14.9%
90	43	16,675	698.15	1,043.57	850.43	631.97	(259.32) -14.9%
AVG USE	19	7,430	\$311.08	\$444.43	\$378.93	\$264.19	(112.39) -14.9%

PRE-RAD RATE

GENERAL RATE G-1

BASE RATE

CUSTOMER CHARGE

DEMAND (KW)

ENERGY

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

PROPOSED RATE

GENERAL RATE G-1

DELIVERY SERVICES:

CUSTOMER

\$8.00 PER BILL

\$8.07 PER BILL

FIRST 10 OVER 10

FIRST 10 OVER 10

\$9.47 \$13.08

\$3.33 \$6.91

ALL KWH @ 2.152 CENTS/KWH

ALL KWH @ \$0.82 PER KW

PER BILL

PER KW

PER BILL

PER KW

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PER BILL

PER KW

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
GENERAL RATE G-1 (DEMAND)

LF = CUM % MONTHLY BILLS	LOW 0.320 MONTHLY KW	MONTHLY KWH	PRE-RAD RATE (1)		BASE	PROPOSED RATE		DIFFERENCE		
			TOTAL	FC & CC		TOTAL	SUPPLIER	DELIVERY	AMOUNT	%
10	6	1,416	\$170.76	\$59.29	\$111.47	\$144.59	\$72.22	\$72.37	(\$26.17)	-15.3%
20	9	2,067	247.57	86.54	161.03	209.54	105.42	104.12	(38.03)	-15.4%
30	11	2,633	311.84	110.24	201.60	264.06	134.28	129.78	(47.78)	-15.3%
40	14	3,364	406.66	140.84	265.82	344.39	171.56	172.83	(62.27)	-15.3%
50	18	4,299	530.43	179.99	350.44	449.20	219.25	229.95	(81.23)	-15.3%
60	24	5,500	702.59	230.28	472.31	594.75	280.50	314.25	(107.84)	-15.3%
70	31	7,313	931.03	306.18	624.85	788.39	372.96	415.43	(142.64)	-15.3%
80	41	9,831	1239.16	403.23	835.93	1049.28	491.18	558.10	(189.88)	-15.3%
90	71	16,675	2189.56	698.15	1471.41	1837.16	850.43	986.73	(332.40)	-15.3%
AVG. USE	32	7,430	\$954.15	\$311.08	\$643.07	\$807.83	\$378.93	\$428.90	(146.32)	-15.3%

PRE-RAD RATE

GENERAL RATE G-1

BASE RATE

CUSTOMER CHARGE

DEMAND (KW)

ENERGY

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

PROPOSED RATE

GENERAL RATE G-1

DELIVERY SERVICES:

CUSTOMER

FIRST 10 OVER 10
\$9.47 \$13.08
ALL KWH @ 2.152 CENTS/KWH

\$8.07 PER BILL

DISTRIBUTION (DEMAND)
TRANSITION
TRANSMISSION
TRANSITION RATE ADJ
ALL KWH @
\$3.33
\$0.82
\$4.69
\$0.25

FIRST 10 OVER 10

\$8.91 PER KW
\$0.82
\$4.69
\$0.25

DISTRIBUTION (ENERGY)
TRANSMISSION
TRANSITION
TRANSITION RATE ADJ
DEFAULT SERV ADJ
PENSION ADJUSTMENT
DEMAND-SIDE MGT
RENEWABLE ENERGY
ALL KWH @
0.000 CENTS/KWH
0.000
0.000
0.000
0.265
0.124
0.250
0.050

SUPPLIER SERVICES:
SOSFA
STANDARD OFFER

ALL KWH @
0.000 CENTS/KWH
5.100

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
LARGE GENERAL TOL RATE G-2 (SECONDARY)

LF = CUM % BILLS	AVERAGE 0.545 MONTHLY		PRE-RAD RATE (1)		PROPOSED RATE			DIFFERENCE		
	KVA	KWH	TOTAL	FC & CC	BASE	TOTAL	SUPPLIER	DELIVERY	AMOUNT	%
10	75	29,822	\$2,687	\$1,222	\$1,465	\$2,385	\$1,521	\$864	(\$302)	-11.2%
20	110	43,739	3,965	1,792	2,173	3,498	2,231	1,267	-466	-11.8%
30	130	51,691	4,807	2,118	2,689	4,200	2,636	1,564	-607	-12.6%
40	155	61,632	5,860	2,525	3,335	5,077	3,143	1,934	-763	-13.4%
50	188	74,753	7,250	3,063	4,188	6,236	3,612	2,423	-1,015	-14.0%
60	232	92,249	9,104	3,779	5,324	7,780	4,705	3,075	-1,324	-14.5%
70	300	119,287	11,968	4,887	7,081	10,166	6,084	4,083	-1,802	-15.1%
80	400	159,050	16,181	6,516	9,665	13,676	8,112	5,565	-2,505	-15.5%
90	660	262,432	27,133	10,752	16,382	22,801	13,384	9,417	-4,332	-16.0%
AVG USE	318	128,444	12,726	5,180	7,546	10,798	6,449	4,350	(\$1,928)	-15.2%

PRE-RAD RATE

LARGE GENERAL TOL RATE G-2 (SECONDARY)

BASE RATE

CUSTOMER

DEMAND (KVA)

ENERGY (KWH)

ADJUSTMENTS

FUEL CHARGE
CONSERVATION
ECS

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

PROPOSED RATE

LARGE GENERAL TOL RATE G-2 (SECONDARY)

DELIVERY SERVICES:

CUSTOMER

DISTRIBUTION (DEMAND)
TRANSITION
TRANSMISSION

DISTRIBUTION (ENERGY)

TRANSITION
TRANSITION RATE ADJ
DEFAULT SERV ADJ
PENSION ADJUSTMENT
DEMAND-SIDE MGT
RENEWABLE ENERGY

SUPPLIER SERVICES:

SOSFA
STANDARD OFFER

\$99.40 PER BILL

< 100 KVA > 100 KVA
\$0.00 \$4.62 PER KVA
\$1.16 \$1.16
\$5.65 \$5.65

PER KVA
PER KVA
CENTS/KWH

PEAK
27.09%
2.931

LOW A
26.13%
2.279

LOW B
48.78%
1.688

PEAK
27.09%
0.556

LOW A
26.13%
0.000

LOW B
48.78%
0.000

ENTS/KWH
0.000

ENTS/KWH
0.000

ENTS/KWH
0.000

ENTS/KWH
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CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
LARGE GENERAL TOL RATE G-2 (SECONDARY)

HIGH LF = CUM % BILLS	0.745 MONTHLY KVA	KWH	PRE-RAD RATE (1)		BASE	PROPOSED RATE		DIFFERENCE		
			TOTAL	FC & CC		TOTAL	SUPPLIER	DELIVERY	AMOUNT	%
10	75	40,767	\$3,414	\$1,670	\$1,744	\$3,037	\$2,079	\$958	(\$377)	-11.0%
20	110	59,791	5,031	2,450	2,581	4,454	3,049	1,404	-577	-11.5%
30	130	70,663	6,067	2,895	3,172	5,329	3,604	1,725	-738	-12.2%
40	155	84,251	7,363	3,452	3,911	6,424	4,297	2,127	-939	-12.8%
50	188	102,189	9,073	4,187	4,886	7,869	5,212	2,657	-1,204	-13.3%
60	232	126,105	11,353	5,166	6,186	9,795	6,431	3,364	-1,558	-13.7%
70	300	163,067	14,876	6,681	8,196	12,772	8,316	4,456	-2,104	-14.1%
80	400	217,423	20,058	8,908	11,151	17,151	11,089	6,062	-2,908	-14.5%
90	660	358,748	33,531	14,697	18,834	28,534	18,296	10,238	-4,997	-14.9%
AVG USE	318	172,851	\$15,809	\$7,081	\$8,728	\$13,560	\$8,815	\$4,745	(\$2,249)	-14.9%

PRE-RAD RATE

LARGE GENERAL TOU RATE G-2 (SECONDARY)

BASE RATE

CUSTOMER		\$100.00	PER BILL
DEMAND (KVA)			PER KVA
	< 100 KVA	\$6.72	
	> 100 KVA	\$13.45	
PEAK	LOW A	LOW B	
	27.09%	26.13%	46.78%
ENERGY (KWH)	2.931	2.279	1.688
			CENTS/KWH
ADJUSTMENTS			
FUEL CHARGE	3.490	3.490	CENTS/KWH
CONSERVATION	0.017	0.017	" "
SCS			0.130
			PER BILL
NOTE (1)	Bill Calculation Under Pre-Rate Factors Have Been Adjusted By An Inflation Factor Of 16.82%		

PROPOSED RATE

LARGE GENERAL TOW RATE G-2 (SECONDARY)

DELIVERY SERVICES:

CUSTOMER	\$99.40	PER BILL
DISTRIBUTION (DEMAND)	< 100 KV	> 100 KVA
TRANSITION	\$0.00	\$4.62
TRANSMISSION	\$1.16	PER KVA
	\$5.65	\$5.65
	PEAK	LOW A
DISTRIBUTION (ENERGY)	27.08%	28.13%
TRANSITION	0.556	0.000
TRANSITION RATE ADJ	0.000	-0.048
DEFAULT SERV ADJ	0.046	0.046
PENSION ADJUSTMENT	0.265	0.265
ENAMP-SIDE MGT	0.124	0.124
RENEWABLE ENERGY	0.250	0.250
	0.050	0.050
APPLER SERVICES:		
SOSFA	0.000	0.000
STANDARD OFFER	5.100	5.100
		CENTS/KV
		"

NOTE (1) Bill Calculation Under Pre-Rad Rates Have Been Adjusted By An Inflation Factor Of

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
LARGE GENERAL TOU RATE G-2 (SECONDARY)

LF = CUM % BILLS	LOW 0.345 MONTHLY KVA	PRE-RAD RATE (1)		PROPOSED RATE		DIFFERENCE	
		TOTAL	FC & CC	BASE	TOTAL	DELIVERY	AMOUNT %
10	75	18,867	\$773	\$1,186	\$1,733	\$962	\$771 -11.5%
20	110	27,671	1,134	1,764	2,542	1,411	1,130 -12.3%
30	130	32,703	1,340	2,206	3,070	1,668	1,402 -13.4%
40	155	38,991	1,597	2,759	3,730	1,989	1,741 -14.4%
50	188	47,293	1,938	3,489	4,601	2,412	2,189 -15.2%
60	232	58,381	2,391	4,462	5,763	2,976	2,786 -15.9%
70	300	75,467	3,092	5,966	7,558	3,849	3,709 -16.6%
80	400	100,623	4,122	8,177	10,199	5,132	5,067 -17.1%
90	660	166,028	6,802	13,927	17,063	8,467	8,596 -17.7%
AVERAGE	318	79,995	\$3,277	\$6,364	\$9,034	\$4,080	\$3,954 -16.7%

PRE-RAD RATE

LARGE GENERAL TOU RATE G-2 (SECONDARY)

BASE RATE

CUSTOMER

DEMAND (KVA)

ENERGY (KWH)

ADJUSTMENTS

FUEL CHARGE
CONSERVATION
ECS

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

PROPOSED RATE

LARGE GENERAL TOU RATE G-2 (SECONDARY)

DELIVERY SERVICES:

CUSTOMER

DISTRIBUTION (DEMAND)
TRANSITION
TRANSMISSION

DISTRIBUTION (ENERGY)
TRANSITION
TRANSITION RATE ADJ
DEFAULT SERV ADJ
PENSION ADJUSTMENT
DEMAND-SIDE MGT
RENEWABLE ENERGY

SUPPLIER SERVICES:
SOSFA
STANDARD OFFER

\$99.40 PER BILL

< 100 KV > 100 KVA
\$0.00 \$4.62 PER KVA
\$1.16 \$1.16
\$5.65 \$5.65

PEAK 27.09% LOW A 26.13% LOW B 46.78%

0.556 0.000 0.000 0.000 CENTS/KWH
0.000 -0.046 -0.046 *
0.046 0.046 0.046 *
0.265 0.265 0.265 *
0.124 0.124 0.124 *
0.250 0.250 0.250 *
0.050 0.050 0.050 *

0.000 0.000 0.000 CENTS/KV
5.100 5.100 5.100

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
LARGE GENERAL TOU RATE G-3 (13.8 KV)

LF = CUM % BILLS	AVERAGE 0.627 MONTHLY KVA	PRE-RAD RATE (1)		PROPOSED RATE		DIFFERENCE AMOUNT	%
		TOTAL	FC & CC	TOTAL	SUPPLIER DELIVERY		
10	210	96,132	\$3,938	\$7,082	\$4,903	\$2,179	-10.2%
20	360	164,798	6,752	12,145	8,405	3,740	-12.5%
30	530	242,620	9,940	17,892	12,374	5,509	-13.5%
40	675	308,997	12,659	22,776	15,759	7,017	-13.9%
50	975	446,329	18,286	32,901	22,763	10,138	-14.4%
	1000	457,773	18,754	33,745	23,346	10,398	-14.4%
	1500	686,660	28,132	50,620	35,020	15,600	-14.8%
	3000	1,373,320	56,263	101,246	70,039	31,207	-15.1%
	5000	2,288,866	93,772	168,747	116,732	52,015	-15.3%
AVERAGE	1740	796,525	\$32,633	\$58,720	\$40,623	\$18,097	-14.9%

PRE-RAD RATE

LARGE GENERAL TOU RATE G-3 (13.8 KV)

BASE RATE

CUSTOMER

DEMAND (KVA)

ENERGY (KWH)

CUSTOMER

PER BILL

PER KVA

CENTS/KWH

PEAK	PRE-RAD RATE		LOW A	LOW B	PEAK
	< 100 KVA	> 100 KVA			
26.13%	\$6.25	\$11.50	25.46%	48.41%	2.188

ADJUSTMENTS

FUEL CHARGE

CONSERVATION

ECS

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of 16.82%

PROPOSED RATE

LARGE GENERAL TOU RATE G-3 (13.8 KV)

DELIVERY SERVICES:

CUSTOMER

DISTRIBUTION (DEMAND)

TRANSITION

TRANSMISSION

TRANSITION (ENERGY)

TRANSITION RATE ADJ

DEFAULT SERV ADJ

PENSION ADJUSTMENT

DEMAND-SIDE MGT

RENEWABLE ENERGY

SUPPLIER SERVICES:

SOSFA

STANDARD OFFER

\$99.40 PER BILL

< 100 KV > 100 KVA

\$0.00 \$0.45 PER KVA

\$1.10 \$1.10

\$5.10 \$5.70

PEAK 26.13%

LOW A 25.46%

LOW B 48.41%

0.000 0.000 0.000

0.000 0.000 0.000

0.265 0.265 0.265

0.124 0.124 0.124

0.250 0.250 0.250

0.050 0.050 0.050

0.000 0.000 0.000

5.100 5.100 5.100

0.000 0.000 0.000

5.100 5.100 5.100

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
LARGE GENERAL TOU RATE G-3 (13.8 KV)

LF = CUM % BILLS	HIGH 0.727 MONTHLY KVA	KWH	PRE-RAD RATE (1)		TOTAL	PROPOSED RATE		DIFFERENCE		
			TOTAL	FC & CC		BASE	TOTAL	SUPPLIER	DELIVERY	AMOUNT
10	210	111,462	\$8,775	\$4,566	\$4,208	\$7,969	\$5,685	\$2,285	(\$805)	-9.2%
20	360	191,078	15,397	7,828	7,569	13,666	9,745	3,921	(1,731)	-11.2%
30	530	281,310	22,902	11,525	11,377	20,122	14,347	5,775	(2,780)	-12.1%
40	675	356,272	29,304	14,678	14,626	25,629	18,272	7,357	(3,675)	-12.5%
50	975	517,504	42,548	21,202	21,346	37,021	26,393	10,629	(5,527)	-13.0%
	1000	530,773	43,652	21,745	21,907	37,971	27,069	10,901	(5,681)	-13.0%
	1500	796,160	65,726	32,618	33,108	56,959	40,604	16,355	(8,767)	-13.3%
	3000	1,592,319	131,948	65,235	66,712	113,924	81,208	32,715	(18,024)	-13.7%
	5000	2,653,866	220,244	108,726	111,518	189,877	135,347	54,530	(30,367)	-13.8%
AVERAGE	1740	923,545	\$76,321	\$37,837	\$38,485	\$66,073	\$47,101	\$18,973	(\$10,248)	-13.4%

PRE-RAD RATE

LARGE GENERAL TOU RATE G-3 (13.8 KV)

BASE RATE

CUSTOMER

DEMAND (KVA)

ENERGY (KWH)

	PRE-RAD RATE		PROPOSED RATE	
	PER BILL	PER KVA	PER BILL	PER KVA
PEAK	2.188	26.13%	2.188	26.13%
LOW A	1.557	25.46%	1.557	25.46%
LOW B	0.988	48.41%	0.988	48.41%

ADJUSTMENTS

FUEL CHARGE
CONSERVATION
ECS

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of 16.82%

PROPOSED RATE

LARGE GENERAL TOU RATE G-3 (13.8 KV)

DELIVERY SERVICES:

CUSTOMER

DISTRIBUTION (DEMAND)
TRANSITION
TRANSMISSION

TRANSITION (ENERGY)

TRANSITION RATE ADJ
DEFAULT SERV ADJ
PENSION ADJUSTMENT
DEMAND-SIDE MGT
RENEWABLE ENERGY

SUPPLIER SERVICES:
SOSFA
STANDARD OFFER

	PRE-RAD RATE		PROPOSED RATE	
	PER BILL	PER KVA	PER BILL	PER KVA
PEAK	2.188	26.13%	2.188	26.13%
LOW A	1.557	25.46%	1.557	25.46%
LOW B	0.988	48.41%	0.988	48.41%

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
LARGE GENERAL TOU RATE G-3 (13.8 KV)

LF = CUM % BILLS	LOW 0.527 MONTHLY KVA	KWH	PRE-RAD RATE (1)		PROPOSED RATE		DIFFERENCE	
			TOTAL	FC & CC	BASE	TOTAL	DELIVERY	%
10	210	80,802	\$7,001	\$3,310	\$3,690	\$6,195	\$2,074	-11.5%
20	360	138,518	12,355	5,675	6,681	10,623	3,559	-14.0%
30	530	203,930	18,424	8,355	10,070	15,642	5,242	-15.1%
40	675	259,722	23,601	10,640	12,960	19,923	6,678	-15.6%
50	975	375,154	34,311	15,370	18,941	28,781	9,648	-16.1%
	1000	384,773	35,203	15,764	19,440	29,519	9,895	-16.1%
	1500	577,160	53,053	23,646	29,407	44,281	14,846	-16.5%
	3000	1,154,319	106,602	47,291	59,311	88,568	29,698	-16.9%
	5000	1,960,762	180,137	80,330	99,806	149,753	49,754	-16.9%
AVG USE	1740	682,345	\$62,364	\$27,955	\$34,409	\$62,110	\$17,311	-16.4%

PRE-RAD RATE

LARGE GENERAL TOU RATE G-3 (13.8 KV)

BASE RATE

CUSTOMER

DEMAND (KVA)

ENERGY (KWH)

	PER BILL		PER KVA	
	< 100 KVA	> 100 KVA	< 100 KVA	> 100 KVA
PEAK	26.13%	25.46%	\$6.25	\$11.50
LOW A	1.557	0.988	LOW B	48.41%
TRANSITION	0.000	0.000	TRANSITION	0.000
RENEWABLE ENERGY	0.050	0.050	RENEWABLE ENERGY	0.050

ADJUSTMENTS

FUEL CHARGE

CONSERVATION

ECS

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of 16.82%

PROPOSED RATE

LARGE GENERAL TOU RATE G-3 (13.8 KV)

DELIVERY SERVICES:

CUSTOMER

DISTRIBUTION (DEMAND)
TRANSITION
TRANSMISSION

TRANSITION (ENERGY)

TRANSITION RATE ADJ

DEFAULT SERV ADJ

PENSION ADJUSTMENT

DEMAND-SIDE MGT

RENEWABLE ENERGY

SUPPLIER SERVICES:

SOSFA

STANDARD OFFER

	PER BILL		PER KVA	
	< 100 KV	> 100 KV	< 100 KV	> 100 KV
PEAK	26.13%	25.46%	\$0.00	\$0.45
LOW A	1.557	0.988	\$1.10	\$1.10
TRANSITION	0.000	0.000	\$5.10	\$5.70
RENEWABLE ENERGY	0.050	0.050	0.000	0.000
SUPPLIER SERVICES:	0.000	0.000	0.000	0.000
SOSFA	0.000	0.000	0.000	0.000
STANDARD OFFER	0.000	0.000	0.000	0.000

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
SMALL GENERAL - OPTIONAL - TOU RATE G-4

LF = CUM % BILLS	AVERAGE 0.535 MONTHLY KW		PRE-RAD RATE (1) FC & CC		BASE	PROPOSED RATE		DIFFERENCE		
	TOTAL	FC & CC	TOTAL	SUPPLIER		DELIVERY	AMOUNT	%		
10	4	1,416	\$161.79	\$59.29	\$102.50	\$136.64	\$72.22	\$64.42	(\$25.15)	-15.5%
20	5	2,067	\$216.82	\$86.54	\$130.28	\$185.16	\$105.42	\$79.74	(\$31.66)	-14.6%
30	7	2,633	\$281.96	\$110.24	\$171.72	\$239.14	\$134.28	\$104.86	(\$42.82)	-15.2%
40	9	3,364	\$357.16	\$140.84	\$216.32	\$302.79	\$171.56	\$131.23	(\$54.37)	-15.2%
50	11	4,299	\$444.84	\$179.99	\$264.85	\$378.37	\$219.25	\$159.12	(\$66.47)	-14.9%
60	14	5,500	\$564.05	\$230.28	\$333.77	\$479.95	\$280.50	\$199.45	(\$84.10)	-14.9%
70	19	7,313	\$751.18	\$306.18	\$445.00	\$638.20	\$372.96	\$265.24	(\$112.98)	-15.0%
80	25	9,631	\$984.45	\$403.23	\$581.22	\$836.45	\$491.18	\$345.27	(\$148.00)	-15.0%
90	43	16,675	\$1,688.75	\$698.15	\$991.60	\$1,436.45	\$850.43	\$586.02	(\$253.30)	-15.0%
AVERAGE	19	7,430	\$756.33	\$311.08	\$447.25	\$645.05	\$378.93	\$266.12	(\$113.28)	-14.9%

PRE-RAD RATE

SMALL GENERAL TOU RATE G-4

BASE RATE

CUSTOMER

DEMAND (KW)

ENERGY (KWH)

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

PROPOSED RATE

SMALL GENERAL TOU RATE G-4

DELIVERY SERVICES:

CUSTOMER

DISTRIBUTION (DEMAND)
TRANSITION
TRANSITION RATE ADJ
TRANSMISSION

PEAK 25.04% 2.503
OFF PK 74.96% 1.358

CENTS/KWH

3.49
0.094
0.13

16.82%

\$12.04 PER BILL

\$4.98 PER KW
\$0.99 (\$0.13)
\$4.59

PEAK 25.04%
OFF PK 74.96%

CENTS/KWH

0.000
0.000
0.000
0.265
0.124
0.250
0.050

0.000
5.100

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
SMALL GENERAL - OPTIONAL - TOU RATE G-4

LF # CUM % BILLS	HIGH MONTHLY KW	PRE-RAD RATE (1)		PROPOSED RATE		DIFFERENCE	
		TOTAL	FC & CC	BASE	TOTAL	DELIVERY	AMOUNT %
10	3	\$146.51	\$59.29	\$87.22	\$126.21	\$72.22	\$53.99
20	4	\$201.54	\$86.54	\$115.00	\$174.73	\$105.42	\$69.31
30	6	\$266.68	\$110.24	\$156.44	\$228.71	\$134.28	\$94.43
40	7	\$326.60	\$140.84	\$185.76	\$281.93	\$171.56	\$110.37
50	9	\$414.28	\$175.99	\$234.29	\$357.51	\$219.25	\$138.26
60	12	\$533.49	\$230.28	\$303.21	\$459.09	\$280.50	\$178.59
70	16	\$705.34	\$306.18	\$399.16	\$606.91	\$372.96	\$233.95
80	21	\$923.33	\$403.23	\$520.10	\$794.73	\$491.18	\$303.55
90	36	\$1,582.79	\$698.15	\$884.64	\$1,363.44	\$850.43	\$513.01
AVERAGE	16	\$712.49	\$311.08	\$401.41	\$813.76	\$378.93	\$234.83

PRE-RAD RATE

SMALL GENERAL TOU RATE G-4

BASE RATE

CUSTOMER

DEMAND (KW)

ENERGY (KWH)

ADJUSTMENTS

FUEL CHARGE

CONSERVATION CHARGE

ECS

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

PROPOSED RATE

SMALL GENERAL TOU RATE G-4

DELIVERY SERVICES:

CUSTOMER

DISTRIBUTION (DEMAND)

TRANSITION

TRANSITION RATE ADJ

TRANSMISSION

DISTRIBUTION (ENERGY)

TRANSITION

TRANSITION RATE ADJ

DEFAULT SERV ADJ

PENSION ADJUSTMENT

DEMAND-SIDE MGT

RENEWABLE ENERGY

SUPPLIER SERVICES:

SOSFA

STANDARD OFFER

\$12.04 PER BILL

\$4.98 PER KW

\$0.99 (\$0.13)

\$4.59

PEAK 25.04% OFF PK 74.96%

DISTRIBUTION (ENERGY)

TRANSITION

TRANSITION RATE ADJ

DEFAULT SERV ADJ

PENSION ADJUSTMENT

DEMAND-SIDE MGT

RENEWABLE ENERGY

SUPPLIER SERVICES:

SOSFA

STANDARD OFFER

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
SMALL GENERAL - OPTIONAL - TOU RATE G-4

LF = CUM % BILLS	LOW 0.435 MONTHLY KW	PRE-RAD RATE (1)		PROPOSED RATE		DIFFERENCE	
		TOTAL FC & CC	BASE	TOTAL SUPPLIER	DELIVERY	AMOUNT	%
10	4	\$161.79	\$59.29	\$136.64	\$72.22	\$64.42	-15.5%
20	6	\$232.10	\$86.54	\$195.59	\$105.42	\$90.17	-15.7%
30	8	\$297.24	\$110.24	\$249.57	\$134.28	\$115.29	-16.0%
40	10	\$372.44	\$140.84	\$313.22	\$171.56	\$141.66	-15.9%
50	13	\$475.40	\$179.99	\$399.23	\$219.25	\$179.98	-16.0%
60	17	\$609.89	\$230.28	\$511.24	\$280.50	\$230.74	-16.2%
70	23	\$812.30	\$306.18	\$679.92	\$372.96	\$306.96	-16.3%
80	30	\$1,080.85	\$403.23	\$888.60	\$491.18	\$397.42	-16.2%
90	52	\$1,827.27	\$698.15	\$1,530.32	\$850.43	\$679.89	-16.3%
AVG USE	23	\$819.45	\$311.08	\$686.77	\$378.93	\$307.84	-16.2%

PRE-RAD RATE

SMALL GENERAL TOU RATE G-4

BASE RATE

CUSTOMER

DEMAND (KW)

ENERGY (KWH)

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

PROPOSED RATE

SMALL GENERAL TOU RATE G-4

DELIVERY SERVICES:

CUSTOMER

DISTRIBUTION (DEMAND)
TRANSITION
TRANSITION RATE ADJ
TRANSMISSION

PEAK 25.04% 2.503
OFF PK 74.96% 1.358
CENTS/KWH

PEAK 25.04% 0.254
OFF PK 74.96% 0.000
CENTS/KWH

DISTRIBUTION (ENERGY)
TRANSITION
TRANSITION RATE ADJ
DEFAULT SERV ADJ
PENSION ADJUSTMENT
DEMAND-SIDE MGT
RENEWABLE ENERGY

SUPPLIER SERVICES:
SOSFA
STANDARD OFFER

0.000
5.100
CENTS/KWH

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
COMMERCIAL SPACE HEATING RATE G-5

CUM % BILLS	CUM % KWH	MONTHLY KWH	PRE-RAD RATE (1)		PROPOSED RATE		DIFFERENCE			
			TOTAL	FC & CC	BASE	TOTAL	SUPPLIER	DELIVERY	AMOUNT	%
10	0	936	\$97.36	\$38.16	\$59.20	\$82.73	\$47.74	\$34.99	-\$14.63	-15.0%
20	1	1,794	178.03	73.14	104.89	151.29	91.49	59.80	(26.74)	-15.0%
30	2	2,656	259.09	108.29	150.80	220.17	135.46	84.71	(38.92)	-15.0%
40	4	3,512	339.57	143.18	196.39	288.56	179.11	109.45	(51.01)	-15.0%
50	6	4,575	439.52	186.52	253.00	373.51	233.33	140.18	(66.01)	-15.0%
60	9	6,311	620.22	257.30	362.92	527.06	321.86	205.20	(93.16)	-15.0%
70	12	8,623	868.40	351.56	516.84	737.96	439.77	298.19	(130.44)	-15.0%
80	18	13,309	1,371.42	542.61	828.81	1,165.43	678.76	486.67	(205.99)	-15.0%
90	30	35,963	3,803.24	1,466.22	2,337.02	3,231.97	1,834.11	1,397.86	(571.27)	-15.0%
AVERAGE		16,207	\$1,682.51	\$660.76	\$1,021.75	\$1,429.79	\$826.56	\$603.23	-\$252.72	-15.0%

PRE-RAD RATE

COMMERCIAL SPACE HEATING RATE G-5

BASE RATE

CUSTOMER

\$8.00 PER BILL

\$7.94 PER BILL

ENERGY

< 5000 KWH 4.559
> 5000 KWH 5.699 CENTS/KWH

< 5000 KWH 0.477
> 5000 KWH 1.007 CENTS/KWH

ADJUSTMENTS

FUEL CHARGE

3.49 CENTS/KWH

CONSERVATION CHARGE

0.000 PER BILL

ECS

0 PER BILL

NOTE (1) Bill Calculation Under Pre-Rad Rates Have

Been Adjusted By An Inflation Factor Of

16.82%

PROPOSED RATE

COMMERCIAL SPACE HEATING RATE G-5

DELIVERY SERVICES:

CUSTOMER

DISTRIBUTION (ENERGY)
TRANSITION 0.253
TRANSMISSION 1.475
TRANSITION RATE ADJ (0.003)
DEFAULT SERV ADJ 0.265
PENSION ADJUSTMENT 0.124
DEMAND-SIDE MGT 0.250
RENEWABLE ENERGY 0.050

SUPPLIER SERVICES:
SOSFA 0.000
STANDARD OFFER 5.100

0.000 CENTS/KWH
5.100 CENTS/KWH

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
SMALL GENERAL - OPTIONAL - TOU RATE G-6 (NON-DEMAND)

MONTHLY			PRE-RAD RATE (1)			PROPOSED RATE		DIFFERENCE		
CUM % BILLS	CUM % KWH	MONTHLY KWH	TOTAL	FC & CC	BASE	TOTAL	SUPPLIER	DELIVERY	AMOUNT	%
10	0	49	\$16.40	\$2.05	\$14.35	\$13.93	\$2.50	\$11.43	(\$2.47)	-15.1%
20	1	106	23.07	4.44	18.63	19.60	5.41	14.19	(3.47)	-15.0%
30	3	184	32.19	7.70	24.49	27.35	9.38	17.97	(4.84)	-15.0%
40	6	289	44.48	12.10	32.38	37.80	14.74	23.06	(6.68)	-15.0%
50	11	430	60.98	18.00	42.98	51.82	21.93	29.89	(9.16)	-15.0%
60	16	593	80.06	24.83	55.23	68.03	30.24	37.79	(12.03)	-15.0%
70	24	825	107.20	34.54	72.66	91.11	42.08	49.03	(16.09)	-15.0%
80	36	1,149	145.12	48.11	97.01	123.32	58.60	64.72	(21.80)	-15.0%
90	54	1,702	209.83	71.26	138.57	178.31	86.80	91.51	(31.52)	-15.0%
AVG USE		810	\$105.45	\$33.91	\$71.54	\$89.61	\$41.31	\$48.30	(15.84)	-15.0%

PRE-RAD RATE

SMALL GENERAL TOU RATE G-6 (NON-DEMAND)

DELIVERY SERVICES:

CUSTOMER	ENERGY (KWH)	PEAK	OFF-PEAK	\$9.00	PER BILL
		29.49%	70.51%		
		16.781	2.105		CENTS/KWH
ADJUSTMENTS					
FUEL CHARGE		3.49		3.49	CENTS/KWH
CONSERVATION CHARGE		0.094		0.094	PER BILL
ECS		0.13			
NOTE (1)	Bill Calculation Under Pre-Rad Rates Have Been Adjusted By An Inflation Factor Of				16.82%

PROPOSED RATE

SMALL GENERAL TOU RATE G-6 (NON-DEMAND)

DELIVERY SERVICES:

CUSTOMER	PER BILL	
	PEAK	OFF-PEAK
	29.49%	70.51%
	7.883	0.000
	CENTS/KWH	
DISTRIBUTION		
TRANSITION	0.858	0.001
TRANSMISSION	5.350	0.000
TRANSITION RATE ADJ	(0.001)	(0.001)
DEFAULT SERV ADJ	0.265	0.265
PENSION ADJUSTMENT	0.124	0.124
DEMAND-SIDE MGT	0.250	0.250
RENEWABLE ENERGY	0.050	0.050
SUPPLIER SERVICES:		
SOSFA	0.000	0.000
STANDARD OFFER	5.100	5.100
	CENTS/KWH	

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
RESIDENTIAL RATE R-1

CUM % BILLS	CUM % KWH	MONTHLY KWH	TOTAL	PRESENT RATE SUPPLIER	DELIVERY	TOTAL	PROPOSED RATE SUPPLIER	DELIVERY	DIFFERENCE AMOUNT	DIFFERENCE %
10	1	81	\$16.21	\$4.96	\$11.25	\$17.01	\$5.12	\$11.89	\$0.80	4.9%
20	5	121	20.82	7.41	13.41	21.67	7.65	14.02	0.85	4.1%
30	9	159	25.21	9.74	15.47	26.10	10.05	16.05	0.89	3.5%
40	15	196	29.47	12.00	17.47	30.41	12.39	18.02	0.94	3.2%
50	21	239	34.44	14.64	19.80	35.42	15.11	20.31	0.98	2.8%
60	29	289	40.20	17.70	22.50	41.25	18.27	22.98	1.05	2.6%
70	40	353	47.58	21.62	25.96	48.71	22.32	26.39	1.13	2.4%
80	52	448	58.54	27.44	31.10	59.77	28.32	31.45	1.23	2.1%
90	69	630	79.52	38.58	40.94	80.98	39.83	41.15	1.46	1.8%
AVG USE		315	\$43.20	\$19.29	\$23.91	\$44.27	\$19.91	\$24.36	1.07	2.5%

PRESENT RATE

RESIDENTIAL RATE R-1 MDTE NO. 220

DELIVERY SERVICES:

CUSTOMER
DISTRIBUTION
TRANSITION
TRANSITION RATE ADJ
DEFAULT SERV ADJ
PENSION ADJUSTMENT
DEMAND-SIDE MGT
RENEWABLE ENERGY

ALL KWH @

\$6.87
2.434
0.200
2.366
-0.052
0.160
0.000
0.250
0.050

PER BILL
CENTS/KWH

SUPPLIER SERVICES:

STANDARD OFFER
SOSFA

4.700
1.424

CENTS/KWH

ALL KWH @

PROPOSED RATE

RESIDENTIAL RATE R-1

DELIVERY SERVICES:

CUSTOMER
DISTRIBUTION
TRANSITION
TRANSITION RATE ADJ
DEFAULT SERV ADJ
PENSION ADJUSTMENT
DEMAND-SIDE MGT
RENEWABLE ENERGY

ALL KWH @

\$7.57
2.708
0.253
1.883
(0.002)
0.265
0.124
0.250
0.050

PER BILL
CENTS/KWH

SUPPLIER SERVICES:

STANDARD OFFER
SOSFA

5.100
1.222

CENTS/KWH

ALL KWH @

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
RESIDENTIAL SPACE HEATING RATE R-3

MONTHLY CUM % BILLS	MONTHLY CUM % KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
		TOTAL	DELIVERY	TOTAL	DELIVERY	AMOUNT	%
10	2	\$27.16	\$9.56	\$28.00	\$18.13	\$0.84	3.1%
20	4	37.29	14.55	38.15	23.13	0.86	2.3%
30	8	44.54	18.12	45.41	26.70	0.87	2.0%
40	13	56.83	24.18	57.72	32.76	0.89	1.6%
50	19	70.89	31.11	71.82	39.70	0.93	1.3%
60	29	85.41	38.26	86.36	46.86	0.95	1.1%
70	38	104.50	47.67	105.48	56.27	0.98	0.9%
80	50	135.28	62.84	136.32	71.45	1.04	0.8%
90	68	190.83	90.12	191.78	98.75	1.15	0.6%
AVG USE	702	\$84.98	\$42.98	\$85.94	\$51.57	0.96	1.0%

PRESENT RATE

RES SPACE HEATING RATE R-3 MDTE NO. 222

DELIVERY SERVICES:

CUSTOMER			
DISTRIBUTION	ALL KWH @	\$7.77	PER BILL
TRANSITION		2.926	CENTS/KWH
TRANSITION		0.200	
TRANSITION RATE ADJ		2.783	
DEFAULT SERV ADJ		-0.067	
PENSION ADJUSTMENT		0.160	
DEMAND-SIDE MGT		0.000	
RENEWABLE ENERGY		0.250	
		0.050	

SUPPLIER SERVICES:

STANDARD OFFER	ALL KWH @	4.700	CENTS/KWH
SOSFA		1.424	

PROPOSED RATE

RES SPACE HEATING RATE R-3

DELIVERY SERVICES:

CUSTOMER			
DISTRIBUTION	ALL KWH @	\$8.57	PER BILL
TRANSITION		3.209	CENTS/KWH
TRANSITION		0.253	
TRANSITION RATE ADJ		1.990	
DEFAULT SERV ADJ		(0.003)	
PENSION ADJUSTMENT		0.265	
DEMAND-SIDE MGT		0.124	
RENEWABLE ENERGY		0.250	
		0.050	

SUPPLIER SERVICES:

STANDARD OFFER	ALL KWH @	5.100	CENTS/KWH
SOSFA		1.222	

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
RES ASSISTANCE SPACE HEATING RATE R-4

MONTHLY CUM % BILLS	MONTHLY CUM % KWH	MONTHLY KWH	TOTAL	PRESENT RATE SUPPLIER	DELIVERY	TOTAL	PROPOSED RATE SUPPLIER	DELIVERY	DIFFERENCE AMOUNT	%
10	2	115	\$16.49	\$7.07	\$9.42	\$16.92	\$7.30	\$9.62	\$0.43	2.6%
20	4	177	22.58	10.84	11.74	22.95	11.19	11.76	0.37	1.6%
30	8	225	27.27	13.75	13.52	27.59	14.19	13.40	0.32	1.2%
40	11	299	34.63	18.31	16.32	34.89	18.90	15.99	0.26	0.8%
50	19	378	42.47	23.17	19.30	42.66	23.92	18.74	0.19	0.4%
60	25	435	48.02	26.61	21.41	48.16	27.47	20.69	0.14	0.3%
70	36	638	68.12	39.07	29.05	68.07	40.33	27.74	(0.05)	-0.1%
80	47	880	91.98	53.86	38.12	91.71	55.60	36.11	(0.27)	-0.3%
90	68	1,286	132.14	78.75	53.39	131.51	81.30	50.21	(0.63)	-0.5%
AVG USE		577	\$62.14	\$35.36	\$26.78	\$62.14	\$36.50	\$25.64	0.00	0.0%

PRESENT RATE

RES ASSISTANCE SPACE HEATING RATE R-4 MDTE NO. 223

DELIVERY SERVICES:

CUSTOMER	ALL KWH @	\$5.09	PER BILL
DISTRIBUTION	"	0.325	CENTS/KWH
TRANSITION	"	0.200	"
TRANSITION	"	2.783	"
TRANSITION RATE ADJ	"	-0.012	"
DEFAULT SERV ADJ	"	0.160	"
PENSION ADJUSTMENT	"	0.000	"
DEMAND-SIDE MGT	"	0.250	"
RENEWABLE ENERGY	"	0.050	"

SUPPLIER SERVICES:

STANDARD OFFER	ALL KWH @	4.700	CENTS/KWH
SOSFA	"	1.424	"

PROPOSED RATE

RES ASSISTANCE SPACE HEATING RATE R-4

DELIVERY SERVICES:

CUSTOMER	ALL KWH @	\$5.62	PER BILL
DISTRIBUTION	"	0.549	CENTS/KWH
TRANSITION	"	0.253	"
TRANSITION	"	1.980	"
TRANSITION RATE ADJ	"	(0.004)	"
DEFAULT SERV ADJ	"	0.265	"
PENSION ADJUSTMENT	"	0.124	"
DEMAND-SIDE MGT	"	0.250	"
RENEWABLE ENERGY	"	0.050	"

SUPPLIER SERVICES:

STANDARD OFFER	ALL KWH @	5.100	CENTS/KWH
SOSFA	"	1.222	"

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
RESIDENTIAL TOU RATE R-5

CUM % BILLS	MONTHLY CUM % KWH	MONTHLY KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
			TOTAL	SUPPLIER DELIVERY	TOTAL	SUPPLIER DELIVERY	AMOUNT	%
10	1	79	\$18.38	\$4.84	\$20.69	\$4.99	\$2.31	12.6%
20	3	102	20.89	8.25	23.36	6.45	2.67	12.9%
30	5	206	31.10	12.62	35.39	13.02	4.29	13.8%
40	10	268	37.30	16.41	42.57	16.94	5.27	14.1%
50	20	360	46.52	22.05	53.22	22.76	6.70	14.4%
60	27	430	53.52	26.33	61.31	27.18	7.79	14.6%
70	42	620	72.55	37.97	83.31	39.20	10.76	14.8%
80	56	765	87.07	46.85	100.09	48.36	13.02	15.0%
90	72	1,030	113.60	63.08	130.77	65.12	17.17	15.1%
AVG. USE		470	\$57.53	\$28.78	\$85.94	\$28.71	8.41	14.6%

PRESENT RATE

RESIDENTIAL TOU RATE R-5 MDTE NO. 224

DELIVERY SERVICES:

CUSTOMER

		\$10.47	PER BILL
		OFF-PEAK	
PEAK	22.88%	77.12%	
DISTRIBUTION	9.281	0.116	CENTS/KWH
TRANSITION	0.898	0.000	"
TRANSMISSION	5.313	0.000	"
TRANSITION RATE ADJ	-0.898	0.000	"
DEFAULT SERV ADJ	0.160	0.160	"
PENSION ADJUSTMENT	0.000	0.000	"
DEMAND-SIDE MGT	0.250	0.250	"
RENEWABLE ENERGY	0.050	0.050	"

SUPPLIER SERVICES:

STANDARD OFFER	4.700	4.700	CENTS/KWH
SOSFA	1.424	1.424	"

PROPOSED RATE

RESIDENTIAL TOU RATE R-5

DELIVERY SERVICES:

CUSTOMER

		\$11.55	PER BILL
		OFF-PEAK	
PEAK	22.88%	77.12%	
DISTRIBUTION	14.803	0.000	CENTS/KWH
TRANSITION	0.446	0.200	"
TRANSMISSION	3.815	0.000	"
TRANSITION RATE ADJ	0.880	(0.200)	"
DEFAULT SERV ADJ	0.265	0.265	"
PENSION ADJUSTMENT	0.124	0.124	"
DEMAND-SIDE MGT	0.250	0.250	"
RENEWABLE ENERGY	0.050	0.050	"

SUPPLIER SERVICES:

STANDARD OFFER	5.100	5.100	CENTS/KWH
SOSFA	1.222	1.222	"

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
RESIDENTIAL SPACE HEATING TOU RATE R-6

MONTHLY CUM % BILLS	MONTHLY CUM % KWH	PRESENT RATE TOTAL	PRESENT RATE SUPPLIER	PRESENT RATE DELIVERY	PROPOSED RATE TOTAL	PROPOSED RATE SUPPLIER	PROPOSED RATE DELIVERY	DIFFERENCE AMOUNT	DIFFERENCE %
10	1	311	\$38.16	\$19.05	\$19.11	\$38.89	\$19.66	\$19.23	1.9%
20	4	500	54.43	30.62	23.81	54.91	31.61	23.30	0.9%
30	10	653	67.61	39.99	27.62	67.88	41.28	26.60	0.4%
40	16	820	81.99	50.22	31.77	82.03	51.84	30.19	0.0%
50	23	994	96.97	60.87	36.10	96.77	62.84	33.93	-0.2%
60	31	1,237	117.90	75.75	42.15	117.37	78.20	39.17	-0.4%
70	43	1,556	145.38	95.29	50.09	144.40	98.37	46.03	-0.7%
80	57	1,869	172.33	114.46	57.87	170.93	118.16	52.77	-0.8%
90	73	2,539	230.04	155.49	74.55	227.71	160.52	67.19	-1.0%
AVG USE		1,257	\$119.63	\$76.98	\$42.65	\$119.07	\$79.47	\$39.60	-0.5%

PRESENT RATE

RESIDENTIAL TOU RATE R-6 MDTE NO. 225

DELIVERY SERVICES:

CUSTOMER

\$11.37 PER BILL

PEAK	OFF-PEAK	95.54%	CENTS/KWH
4.46%	0.379		
2.682	0.000		
2.826	0.000		
3.738	0.533		
16.672	0.000		
0.160	0.160		
0.000	0.000		
0.250	0.250		
0.050	0.050		

SUPPLIER SERVICES:

STANDARD OFFER
SOSFA

4.700 CENTS/KWH
1.424

PROPOSED RATE

RESIDENTIAL TOU RATE R-6

DELIVERY SERVICES:

CUSTOMER

\$12.54 PER BILL

PEAK	OFF-PEAK	95.54%	CENTS/KWH
4.46%	0.083		
23.544	0.000		
1.856	0.251		
2.108	0.000		
(1.856)	0.265		
0.124	0.124		
0.250	0.250		
0.050	0.050		

SUPPLIER SERVICES:

STANDARD OFFER
SOSFA

5.100 CENTS/KWH
1.222

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
GENERAL RATE G-0 (NON-DEMAND)

CUM % BILLS	MONTHLY CUM % KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
		TOTAL	DELIVERY	TOTAL	DELIVERY	AMOUNT	%
10	0	\$10.03	\$7.03	\$10.56	\$7.46	\$0.53	5.3%
20	1	16.31	9.82	16.92	10.22	0.61	3.7%
30	3	24.92	13.65	25.63	14.00	0.71	2.8%
40	6	36.51	18.81	37.36	19.08	0.85	2.3%
50	11	52.06	25.73	53.10	25.92	1.04	2.0%
60	16	70.06	33.74	71.30	33.81	1.24	1.8%
70	24	95.65	45.13	97.21	45.05	1.56	1.6%
80	36	131.40	61.04	133.38	60.74	1.98	1.5%
90	54	182.42	88.19	195.12	87.52	2.70	1.4%
AVERAGE	733	\$85.50	\$44.89	\$86.93	\$40.59	1.43	1.7%

PRESENT RATE

GENERAL RATE G-0 MDTE NO. 230

DELIVERY SERVICES:

CUSTOMER	ALL KWH @	\$4.62	PER BILL
DISTRIBUTION	"	2.075	CENTS/KWH
TRANSITION	"	0.200	"
TRANSMISSION	"	2.218	"
TRANSITION RATE ADJ	"	(0.043)	"
DEFAULT SERV ADJ	"	0.160	"
PENSION ADJUSTMENT	"	0.000	"
DEMAND-SIDE MGT	"	0.250	"
RENEWABLE ENERGY	"	0.050	"
SUPPLIER SERVICES:			
STANDARD OFFER	ALL KWH @	4.700	CENTS/KWH
SOSFA	"	1.424	"

PROPOSED RATE

GENERAL RATE G-0

DELIVERY SERVICES:

CUSTOMER	ALL KWH @	\$5.09	PER BILL
DISTRIBUTION	"	2.324	CENTS/KWH
TRANSITION	"	0.253	"
TRANSMISSION	"	1.578	"
TRANSITION RATE ADJ	"	(0.001)	"
DEFAULT SERV ADJ	"	0.265	"
PENSION ADJUSTMENT	"	0.124	"
DEMAND-SIDE MGT	"	0.250	"
RENEWABLE ENERGY	"	0.050	"
SUPPLIER SERVICES:			
STANDARD OFFER	ALL KWH @	5.100	CENTS/KWH
SOSFA	"	1.222	"

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
GENERAL RATE G-1 (DEMAND)

LF = CUM % MONTHLY BILLS	AVERAGE 0.420 MONTHLY KW	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
		TOTAL	SUPPLIER DELIVERY	TOTAL	SUPPLIER DELIVERY	AMOUNT	%
10	5	1,416	\$66.72	\$66.22	\$83.26	(\$0.14)	-0.1%
20	7	2,067	126.58	90.86	85.94	(0.82)	-0.4%
30	8	2,633	161.24	106.25	166.46	(2.10)	-0.6%
40	11	3,364	206.01	143.33	212.67	(1.85)	-0.5%
50	14	4,299	263.27	189.51	271.78	(1.73)	-0.4%
60	18	5,500	336.82	250.51	347.71	(1.39)	-0.2%
70	23	7,313	447.85	330.72	462.33	(2.17)	-0.3%
80	31	9,631	589.80	451.64	608.87	(1.17)	-0.1%
90	53	16,675	1,021.18	792.69	1,054.19	(1.01)	-0.1%
AVG USE	24	7,430	\$455.01	\$343.63	\$469.72	(1.38)	-0.2%

PRESENT RATE

GENERAL RATE G-1 MDTE NO. 231

DELIVERY SERVICES:

CUSTOMER	\$7.32		PER BILL	
	FIRST 10	OVER 10	PER KW	PER KWH
DISTRIBUTION (DEMAND)	\$0.87	\$4.12	"	"
TRANSITION	\$6.59	\$6.59	"	"
TRANSITION RATE ADJ	0.120	0.120	"	"
DISTRIBUTION (ENERGY)	ALL KWH @	0.815	CENTS/KWH	"
TRANSITION	"	0.000	"	"
TRANSITION RATE ADJ	"	0.160	"	"
DEFAULT SERV ADJ	"	0.000	"	"
PENSION ADJUSTMENT	"	0.250	"	"
DEMAND-SIDE MGT	"	0.050	"	"
RENEWABLE ENERGY	"	"	"	"
SUPPLIER SERVICES:				
STANDARD OFFER	ALL KWH @	4.700	CENTS/KWH	"
SOSFA	"	1.424	"	"

PROPOSED RATE

GENERAL RATE G-1

DELIVERY SERVICES:

CUSTOMER	\$8.07		PER BILL	
	FIRST 10	OVER 10	PER KW	PER KWH
DISTRIBUTION (DEMAND)	\$3.33	\$8.91	"	"
TRANSITION	\$0.82	\$0.82	"	"
TRANSITION RATE ADJ	\$4.69	\$4.69	"	"
DISTRIBUTION (ENERGY)	ALL KWH @	0.000	CENTS/KWH	"
TRANSITION	"	0.000	"	"
TRANSITION RATE ADJ	"	0.000	"	"
DEFAULT SERV ADJ	"	0.265	"	"
PENSION ADJUSTMENT	"	0.124	"	"
DEMAND-SIDE MGT	"	0.250	"	"
RENEWABLE ENERGY	"	0.050	"	"
SUPPLIER SERVICES:				
STANDARD OFFER	ALL KWH @	5.100	CENTS/KWH	"
SOSFA	"	1.222	"	"

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
GENERAL RATE G-1 (DEMAND)

LF = CUM % MONTHLY BILLS	HIGH 0.520 MONTHLY KW	MONTHLY KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
			TOTAL	SUPPLIER DELIVERY	TOTAL	SUPPLIER DELIVERY	AMOUNT	%
10	4	1,416	\$144.77	\$66.72	\$143.71	\$68.52	\$54.19	-0.7%
20	5	2,067	201.10	126.58	198.44	130.68	67.76	-1.3%
30	7	2,633	259.32	161.24	256.30	166.46	89.84	-1.2%
40	9	3,364	329.75	206.01	325.73	212.67	113.06	-1.2%
50	11	4,299	418.52	263.27	413.04	271.78	141.26	-1.3%
60	14	5,500	541.65	336.82	535.26	347.71	187.55	-1.2%
70	19	7,313	732.89	447.85	725.72	482.33	263.39	-1.0%
80	25	9,631	972.92	589.80	964.25	608.87	355.38	-0.9%
90	43	16,675	1699.67	1,021.18	1686.16	1,054.19	631.97	-0.8%
AVERAGE	19	7,430	\$741.54	\$455.01	\$733.91	\$469.72	264.19	-1.0%

PRESENT RATE

GENERAL RATE G-1 MOTE NO. 231

DELIVERY SERVICES:

CUSTOMER

\$7.32 PER BILL

	FIRST 10		OVER 10		PER KW
	\$	0.12	\$	0.12	
DISTRIBUTION (DEMAND)	\$0.87		\$4.12		
TRANSITION	\$0.59		\$0.59		
TRANSITION RATE ADJ	\$6.59		\$6.59		
DISTRIBUTION (ENERGY)	ALL KWH @	0.815	0.815	CENTS/KWH	
TRANSITION		0.000	0.000		
TRANSITION RATE ADJ		0.160	0.160		
DEFAULT SERV ADJ		0.000	0.000		
PENSION ADJUSTMENT		0.250	0.250		
DEMAND-SIDE MGT		0.050	0.050		
RENEWABLE ENERGY					

SUPPLIER SERVICES:

STANDARD OFFER
SOSFA

ALL KWH @
4.700 CENTS/KWH
1.424

PROPOSED RATE

GENERAL RATE G-1

DELIVERY SERVICES:

CUSTOMER

\$8.07 PER BILL

	FIRST 10		OVER 10		PER KW
	\$	0.12	\$	0.12	
DISTRIBUTION (DEMAND)	\$3.33		\$6.91		
TRANSITION	\$0.82		\$0.82		
TRANSITION RATE ADJ	\$4.69		\$4.69		
DISTRIBUTION (ENERGY)	ALL KWH @	0.000	0.000	CENTS/KWH	
TRANSITION		0.000	0.000		
TRANSITION RATE ADJ		0.000	0.000		
DEFAULT SERV ADJ		0.285	0.285		
PENSION ADJUSTMENT		0.124	0.124		
DEMAND-SIDE MGT		0.250	0.250		
RENEWABLE ENERGY		0.050	0.050		

SUPPLIER SERVICES:

STANDARD OFFER
SOSFA

ALL KWH @
5.100 CENTS/KWH
1.222

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
GENERAL RATE G-1 (DEMAND)

LF = CUM % MONTHLY BILLS	LOW 0.320 MONTHLY KW	MONTHLY KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
			TOTAL	SUPPLIER DELIVERY	TOTAL	SUPPLIER DELIVERY	AMOUNT	%
10	6	1,416	\$161.11	\$86.72	\$161.89	\$89.52	\$0.78	0.5%
20	9	2,067	233.78	126.58	234.80	130.68	1.02	0.4%
30	11	2,633	285.25	161.24	286.24	166.46	0.99	0.3%
40	14	3,364	383.60	206.01	385.50	212.67	1.90	0.5%
50	18	4,299	498.46	263.27	501.73	271.78	3.27	0.7%
60	23	5,500	644.43	336.82	649.29	347.71	4.86	0.8%
70	31	7,313	869.93	447.85	877.76	482.33	7.83	0.9%
80	40	9,831	1,144.22	589.80	1,154.30	608.87	10.08	0.9%
90	70	16,675	2,008.01	1,021.18	2,028.25	1,054.19	20.24	1.0%
AVG USE	31	7,430	\$878.58	\$455.01	\$885.95	\$469.72	7.37	0.8%

PRESENT RATE

GENERAL RATE G-1 MDTE NO. 231

DELIVERY SERVICES:

CUSTOMER		\$7.32		PER BILL	
		FIRST 10	OVER 10		
DISTRIBUTION (DEMAND)	TRANSITION	\$0.87	\$4.12	PER KW	
	TRANSITION	\$0.59	\$0.59	"	
	TRANSITION RATE ADJ	\$0.12	\$0.12	"	
DISTRIBUTION (ENERGY)	TRANSITION	ALL KWH @	0.815	CENTS/KWH	
	TRANSITION	"	0.000	"	
	TRANSITION RATE ADJ	"	0.000	"	
DEFAULT SERV ADJ	PENSION ADJUSTMENT	"	0.160	"	
	DEMAND-SIDE MGT	"	0.000	"	
	RENEWABLE ENERGY	"	0.250	"	
SUPPLIER SERVICES:		ALL KWH @		4.700	
STANDARD OFFER		"		CENTS/KWH	
SOSFA		"		1.424	

PROPOSED RATE

GENERAL RATE G-1

DELIVERY SERVICES:

CUSTOMER		\$8.07		PER BILL	
		FIRST 10	OVER 10		
DISTRIBUTION (DEMAND)	TRANSITION	\$3.33	\$6.91	PER KW	
	TRANSITION	\$0.82	\$0.82	"	
	TRANSITION RATE ADJ	\$0.25	\$0.25	"	
DISTRIBUTION (ENERGY)	TRANSITION	ALL KWH @	0.000	CENTS/KWH	
	TRANSITION	"	0.000	"	
	TRANSITION RATE ADJ	"	0.000	"	
DEFAULT SERV ADJ	PENSION ADJUSTMENT	"	0.265	"	
	DEMAND-SIDE MGT	"	0.124	"	
	RENEWABLE ENERGY	"	0.250	"	
SUPPLIER SERVICES:		ALL KWH @		5.100	
STANDARD OFFER		"		CENTS/KWH	
SOSFA		"		1.222	

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
LARGE GENERAL TOU RATE G-2 (SECONDARY)

LF = CUM % BILLS	AVERAGE 0.545 MONTHLY KVA	PRESENT RATE TOTAL SUPPLIER	DELIVERY	PROPOSED RATE TOTAL SUPPLIER	DELIVERY	DIFFERENCE AMOUNT	%
10	75	30,394	\$879	\$2,791	\$1,922	\$869	1.8%
20	110	44,577	1,305	4,093	2,818	1,275	1.4%
30	130	52,682	1,632	4,903	3,331	1,572	0.9%
40	155	62,814	2,041	5,915	3,971	1,944	0.5%
50	188	76,187	2,581	7,252	4,817	2,435	0.1%
60	232	94,018	3,301	9,034	5,944	3,090	-0.3%
70	300	121,575	4,413	11,788	7,686	4,102	-0.6%
80	400	162,100	6,049	15,839	10,248	5,591	-0.9%
90	660	267,465	10,301	26,369	16,909	9,460	-1.2%
AVG USE	318	128,869	\$4,707	\$12,517	\$8,147	\$4,370	-0.7%

PRESENT RATE

LARGE GENERAL TOU RATE G-2 MDTE NO. 232 (SECONDARY)

DELIVERY SERVICES:

CUSTOMER	\$90.00	PER BILL	
DISTRIBUTION (DEMAND)		PER KVA	
TRANSITION		PER KVA	
TRANSMISSION		PER KVA	
DISTRIBUTION (ENERGY)		CENTS/KWH	
TRANSITION		CENTS/KWH	
DEFAULT SERV ADJ		CENTS/KWH	
PENSION ADJUSTMENT		CENTS/KWH	
DEMAND-SIDE MGT		CENTS/KWH	
RENEWABLE ENERGY		CENTS/KWH	
SUPPLIER SERVICES:			
STANDARD OFFER	4.700	4.700	4.700
SOSFA	1.424	1.424	1.424

PROPOSED RATE

LARGE GENERAL TOU RATE G-2 (SECONDARY)

DELIVERY SERVICES:

CUSTOMER	\$99.40	PER BILL	
DISTRIBUTION (DEMAND)		PER KVA	
TRANSITION		PER KVA	
TRANSMISSION		PER KVA	
DISTRIBUTION (ENERGY)		CENTS/KWH	
TRANSITION		CENTS/KWH	
DEFAULT SERV ADJ		CENTS/KWH	
PENSION ADJUSTMENT		CENTS/KWH	
DEMAND-SIDE MGT		CENTS/KWH	
RENEWABLE ENERGY		CENTS/KWH	
SUPPLIER SERVICES:			
STANDARD OFFER	5.100	5.100	5.100
SOSFA	1.222	1.222	1.222

HIGH LF = CUM % BILLS	0.745 MONTHLY KVA	KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE AMOUNT %			
			TOTAL	SUPPLIER DELIVERY	TOTAL	SUPPLIER DELIVERY				
10	75	41,549	\$3,538	\$2,544	\$993	\$3,591	\$2,627	\$964	\$53	1.5%
20	110	60,938	5,205	3,732	1,473	5,266	3,853	1,414	62	1.2%
30	130	72,018	6,241	4,410	1,831	6,290	4,553	1,737	49	0.8%
40	155	85,987	7,536	5,259	2,278	7,569	5,429	2,141	33	0.4%
50	188	104,149	9,246	6,378	2,868	9,258	6,584	2,674	12	0.1%
60	232	128,524	11,525	7,871	3,655	11,510	8,125	3,384	-16	-0.1%
70	300	166,195	15,048	10,178	4,871	14,989	10,507	4,483	-59	-0.4%
80	400	221,593	20,229	13,570	6,659	20,107	14,009	6,098	-123	-0.6%
90	660	365,628	33,899	22,391	11,308	33,412	23,115	10,297	-288	-0.9%
AVG USE	318	176,166	\$15,981	\$10,788	\$5,193	\$15,910	\$11,137	\$4,773	(\$71)	-0.4%

LARGE GENERAL TOW RATE G-2 MDTE NO. 232 (SECONDARY)

DELIVERY SERVICES:

CUSTOMER	\$90.00	PER BILL
DISTRIBUTION (DEMAND)		
TRANSITION	< 100 KVA	PER KVA
TRANSMISSION		
	PEAK	LOW A
	27.08%	26.13%
DISTRIBUTION (ENERGY)		
TRANSITION	0.493	0.493
TRANSITION RATE ADJ	0.123	0.000
DEFAULT SERV ADJ	0.074	0.074
PENSION ADJUSTMENT	0.160	0.160
DEMAND-SIDE MGT	0.000	0.000
RENEWABLE ENERGY	0.250	0.250
SUPPLIER SERVICES:	0.050	0.050
STANDARD OFFER	4.700	4.700
SOSFA	1.424	1.424

LARGE GENERAL TOU RATE G-2 (SECONDARY)

DELIVERY SERVICES:

CUSTOMER		\$99.40	PER BILL
DISTRIBUTION (DEMAND)	< 100 KV	>	100 KVA
TRANSITION	\$0.00	\$4.62	PER KVA
TRANSMISSION	\$1.16	\$1.16	
	\$5.65	\$5.65	
	PEAK	LOW A	LOW B
	27.09%	28.13%	48.78%
DISTRIBUTION (ENERGY)	0.956	0.000	0.000
TRANSITION	0.000	-0.046	-0.048
TRANSMISSION	0.046	0.046	0.046
DEFAULT SERV ADJ	0.265	0.265	0.265
PENSION ADJUSTMENT	0.124	0.124	0.124
DEMAND-SIDE MGT	0.250	0.250	0.250
RENEWABLE ENERGY	0.050	0.050	0.050
SUPPLIER SERVICES:			
STANDARD OFFER	5.100	5.100	5.100
SOSFA	1.222	1.222	1.222

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
LARGE GENERAL TOU RATE G-2 (SECONDARY)

LF = CUM % BILLS	LOW 0.345 MONTHLY KVA	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
		TOTAL	SUPPLIER DELIVERY	TOTAL	SUPPLIER DELIVERY	AMOUNT	%
10	75	19,229	\$1,178	\$1,990	\$1,216	\$774	2.5%
20	110	28,202	1,137	2,918	1,783	1,135	1.9%
30	130	33,330	2,041	3,514	2,107	1,407	1.1%
40	155	39,739	2,434	4,260	2,512	1,748	0.5%
50	188	48,200	2,952	5,244	3,047	2,197	0.0%
60	232	59,481	3,643	6,566	3,760	2,796	-0.5%
70	300	76,915	4,710	8,584	4,863	3,722	-0.9%
80	400	102,553	6,280	11,567	6,483	5,083	-1.3%
90	660	169,212	10,363	19,321	10,698	8,623	-1.7%
AVERAGE	318	81,530	\$4,993	\$9,121	\$5,154	\$3,967	-1.0%

PRESENT RATE

LARGE GENERAL TOU RATE G-2 MDTE NO. 232 (SECONDARY)

DELIVERY SERVICES:

CUSTOMER	PER BILL	
	< 100 KVA	> 100 KVA
DISTRIBUTION (DEMAND)	\$1.09	\$2.06
TRANSITION	\$0.77	\$0.77
TRANSMISSION	\$4.50	\$9.37
DISTRIBUTION (ENERGY)	0.493	0.493
TRANSITION	0.123	0.000
TRANSITION RATE ADJ	0.074	0.074
DEFAULT SERV ADJ	0.160	0.160
PENSION ADJUSTMENT	0.000	0.000
DEMAND-SIDE MGT	0.250	0.250
RENEWABLE ENERGY	0.050	0.050
SUPPLIER SERVICES:		
STANDARD OFFER	4.700	4.700
SOSFA	1.424	1.424

PROPOSED RATE

LARGE GENERAL TOU RATE G-2 (SECONDARY)

DELIVERY SERVICES:

CUSTOMER	PER BILL	
	< 100 KVA	> 100 KVA
DISTRIBUTION (DEMAND)	\$0.00	\$4.62
TRANSITION	\$1.16	\$1.16
TRANSMISSION	\$5.65	\$5.65
DISTRIBUTION (ENERGY)	0.556	0.000
TRANSITION	0.000	-0.046
TRANSITION RATE ADJ	0.046	0.046
DEFAULT SERV ADJ	0.265	0.265
PENSION ADJUSTMENT	0.124	0.124
DEMAND-SIDE MGT	0.250	0.250
RENEWABLE ENERGY	0.050	0.050
SUPPLIER SERVICES:		
STANDARD OFFER	5.100	5.100
SOSFA	1.222	1.222

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
LARGE GENERAL TOU RATE G-3 (13.8 KV)

LF = CUM % BILLS	AVERAGE 0.627 MONTHLY KVA	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
		TOTAL	SUPPLIER DELIVERY	TOTAL	SUPPLIER DELIVERY	AMOUNT	%
10	210	\$8,079	\$6,000	\$8,386	\$6,194	\$307	3.8%
20	360	13,956	10,286	14,380	10,618	424	3.0%
30	530	20,616	15,143	21,173	15,633	557	2.7%
40	675	26,297	19,286	26,967	19,909	671	2.6%
50	975	38,050	27,857	38,955	28,758	905	2.4%
1000	466,552	39,030	28,572	39,954	29,495	925	2.4%
1500	699,829	58,619	42,858	59,934	44,243	1,316	2.2%
3000	1,399,857	117,385	85,715	119,874	88,486	2,489	2.1%
5000	2,332,762	195,741	142,858	199,794	147,477	4,053	2.1%
AVG USE	1740	\$68,021	\$49,715	\$69,525	\$51,322	\$1,504	2.2%

PRESENT RATE

LARGE GENERAL TOU RATE G-3 (13.8 KV) MDTE NO. 233

DELIVERY SERVICES:

CUSTOMER

PER BILL

DISTRIBUTION (DEMAND)
TRANSITION
TRANSMISSION

< 100 KVA > 100 KVA
\$0.00 \$1.47
\$1.40 \$4.68
\$4.68 \$5.59

PEAK 26.13% LOW A 25.46% LOW B 48.41%

TRANSITION (ENERGY)
TRANSITION RATE ADJ
DEFAULT SERV ADJ
PENSION ADJUSTMENT
DEMAND-SIDE MGT
RENEWABLE ENERGY

0.114 0.114 0.114 0.160 0.000 0.000 0.250 0.050

SUPPLIER SERVICES:

STANDARD OFFER
SOSFA

4700 4700 4700 CENTS/KWH
1.424 1.424 1.424

PROPOSED RATE

LARGE GENERAL TOU RATE G-3 (13.8 KV)

DELIVERY SERVICES:

CUSTOMER

PER BILL

DISTRIBUTION (DEMAND)
TRANSITION
TRANSMISSION

< 100 KV > 100 KVA
\$0.00 \$0.45
\$1.10 \$1.10
\$5.10 \$5.70

PEAK 26.13% LOW A 25.46% LOW B 48.41%

TRANSITION (ENERGY)
TRANSITION RATE ADJ
DEFAULT SERV ADJ
PENSION ADJUSTMENT
DEMAND-SIDE MGT
RENEWABLE ENERGY

0.000 0.000 0.000 0.265 0.124 0.250 0.050

SUPPLIER SERVICES:

STANDARD OFFER
SOSFA

5100 5100 5100 CENTS/KWH
1.222 1.222 1.222

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
LARGE GENERAL TOU RATE G-3 (13.8 KV)

LF = CUM % BILLS	HIGH 0.727 MONTHLY KVA	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
		TOTAL	SUPPLIER DELIVERY	TOTAL	SUPPLIER DELIVERY	AMOUNT	%
10	210	113,600	\$9,108	\$6,957	\$2,151	\$2,300	4.1%
20	360	194,743	15,719	11,926	3,793	3,946	3.4%
30	530	286,705	23,212	17,558	5,654	5,812	3.1%
40	675	365,143	29,603	22,361	7,242	7,404	3.0%
50	975	527,429	42,826	32,300	10,526	10,697	2.8%
	1000	540,952	43,928	33,128	10,800	10,972	2.8%
	1500	811,429	65,966	49,692	16,274	16,460	2.7%
	3000	1,622,857	132,081	99,384	32,697	32,926	2.6%
	5000	2,704,762	220,233	165,640	54,594	54,880	2.6%
AVG USE	1740	941,257	\$76,545	\$57,643	\$18,902	\$19,095	2.7%

PRESENT RATE

LARGE GENERAL TOU RATE G-3 (13.8 KV) MDTE NO. 233

DELIVERY SERVICES:

CUSTOMER

PER BILL

\$99.40 PER BILL

DISTRIBUTION (DEMAND)
TRANSITION
TRANSMISSION

	PEAK	LOW A		LOW B
		26.13%	25.46%	
		\$0.00	\$1.40	\$1.47
		\$1.40	\$4.68	\$5.59

TRANSITION (ENERGY)
TRANSITION RATE ADJ
DEFAULT SERV ADJ
PENSION ADJUSTMENT
DEMAND-SIDE MGT
RENEWABLE ENERGY

	PEAK	LOW A		LOW B
		26.13%	25.46%	
		\$0.00	\$1.40	\$1.47
		\$1.40	\$4.68	\$5.59

SUPPLIER SERVICES:

STANDARD OFFER
SOSFA

PER KVA

\$0.00 \$0.45 \$1.10 \$5.10 \$5.70

PROPOSED RATE

LARGE GENERAL TOU RATE G-3 (13.8 KV)

DELIVERY SERVICES:

CUSTOMER

\$99.40 PER BILL

DISTRIBUTION (DEMAND)
TRANSITION
TRANSMISSION

	PEAK	LOW A		LOW B
		26.13%	25.46%	
		\$0.00	\$1.40	\$1.47
		\$1.40	\$4.68	\$5.59

TRANSITION (ENERGY)
TRANSITION RATE ADJ
DEFAULT SERV ADJ
PENSION ADJUSTMENT
DEMAND-SIDE MGT
RENEWABLE ENERGY

	PEAK	LOW A		LOW B
		26.13%	25.46%	
		\$0.00	\$1.40	\$1.47
		\$1.40	\$4.68	\$5.59

SUPPLIER SERVICES:

STANDARD OFFER
SOSFA

\$0.00 \$0.45 \$1.10 \$5.10 \$5.70

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
LARGE GENERAL TOU RATE G-3 (13.8 KV)

LF = CUM % BILLS	LOW 0.527 MONTHLY KVA	KWH	PRESENT RATE		DELIVERY	PROPOSED RATE		DELIVERY	DIFFERENCE	
			TOTAL	SUPPLIER		TOTAL	SUPPLIER		AMOUNT	%
10	210	82,352	\$7,050	\$5,043	\$2,007	\$7,291	\$5,206	\$2,084	\$240	3.4%
20	360	141,175	12,192	8,646	3,547	12,502	8,925	3,577	310	2.5%
30	530	207,841	18,020	12,728	5,292	18,409	13,140	5,269	389	2.2%
40	675	264,703	22,990	16,210	6,780	23,446	16,735	6,712	456	2.0%
50	975	382,349	33,274	23,415	9,859	33,870	24,172	9,698	595	1.8%
	1000	392,152	34,131	24,015	10,116	34,738	24,792	9,946	607	1.8%
	1500	588,229	51,271	36,023	15,248	52,110	37,188	14,922	839	1.6%
	3000	1,176,457	102,690	72,046	30,644	104,226	74,376	29,850	1,536	1.5%
	5000	1,960,762	171,248	120,077	51,171	173,713	123,959	49,754	2,465	1.4%
AVG USE	1740	682,345	\$49,781	\$32,070	\$17,711	\$60,449	\$43,138	\$17,311	\$10,667	21.4%

PRESENT RATE

LARGE GENERAL TOU RATE G-3 (13.8 KV) MDTE NO. 233

DELIVERY SERVICES:

CUSTOMER

PER BILL

CUSTOMER

\$99.40 PER BILL

DISTRIBUTION (DEMAND)
TRANSITION
TRANSMISSION

< 100 KVA > 100 KVA
\$0.00 \$1.47
\$1.40 \$1.40
\$4.68 \$5.59

DISTRIBUTION (DEMAND)
TRANSITION
TRANSMISSION

< 100 KV > 100 KVA
\$0.00 \$0.45
\$1.10 \$1.10
\$5.10 \$5.70

TRANSITION (ENERGY)
TRANSITION RATE ADJ
DEFAULT SERV ADJ
PENSION ADJUSTMENT
DEMAND-SIDE MGT
RENEWABLE ENERGY

PEAK 26.13%
-0.114
0.114
0.160
0.000
0.250
0.050

TRANSITION (ENERGY)
TRANSITION RATE ADJ
DEFAULT SERV ADJ
PENSION ADJUSTMENT
DEMAND-SIDE MGT
RENEWABLE ENERGY

PEAK 26.13%
0.000
0.000
0.265
0.124
0.250
0.050

SUPPLIER SERVICES:

CENTS/KWH

SUPPLIER SERVICES:

5.100 CENTS/KWH

STANDARD OFFER
SOSFA

4.700
1.424

STANDARD OFFER
SOSFA

5.100
1.222

5.100 CENTS/KWH

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
SMALL GENERAL - OPTIONAL - TOU RATE G-4

LF = CUM % BILLS	AVERAGE 0.535 MONTHLY KW	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
		TOTAL	SUPPLIER	TOTAL	SUPPLIER	AMOUNT	%
10	4	1,416	\$86.72	\$153.94	\$89.52	\$11.55	8.1%
20	5	2,067	126.58	210.43	130.68	13.98	7.1%
30	7	2,633	161.24	271.32	186.46	19.28	7.6%
40	8	3,364	206.01	333.47	212.67	21.64	6.9%
50	11	4,299	263.27	430.90	271.78	29.54	7.4%
60	14	5,500	336.82	547.16	347.71	37.27	7.3%
70	18	7,313	447.85	717.14	482.33	47.44	7.1%
80	24	9,631	589.80	943.71	608.87	62.97	7.1%
90	42	16,675	1,021.18	1,629.78	1,054.19	109.47	7.2%
AVG USE	19	7,430	\$455.01	\$735.84	\$469.72	\$50.20	7.3%

PRESENT RATE

SMALL GENERAL TOU RATE G-4 MDTE NO. 234

DELIVERY SERVICES:

CUSTOMER \$10.92 PER BILL

DISTRIBUTION (DEMAND)
TRANSITION
TRANSITION RATE ADJ
TRANSMISSION

PEAK 25.04% 0.727 OFF PK 74.96% 0.499 CENTS/KWH
DISTRIBUTION (ENERGY)
TRANSITION
TRANSITION RATE ADJ
DEFAULT SERV ADJ
PENSION ADJUSTMENT
DEMAND-SIDE MGT
RENEWABLE ENERGY

SUPPLIER SERVICES:

STANDARD OFFER 4,700 CENTS/KWH
SOSFA 1,424

PROPOSED RATE

SMALL GENERAL TOU RATE G-4

DELIVERY SERVICES:

CUSTOMER \$12.04 PER BILL

DISTRIBUTION (DEMAND)
TRANSITION
TRANSITION RATE ADJ
TRANSMISSION

PEAK 25.04% 0.254 OFF PK 74.96% 0.000 CENTS/KWH
DISTRIBUTION (ENERGY)
TRANSITION
TRANSITION RATE ADJ
DEFAULT SERV ADJ
PENSION ADJUSTMENT
DEMAND-SIDE MGT
RENEWABLE ENERGY

SUPPLIER SERVICES:

STANDARD OFFER 5,100 CENTS/KWH
SOSFA 1,222

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
SMALL GENERAL - OPTIONAL - TOU RATE G-4

LF = CUM % BILLS	HIGH 0.635 MONTHLY KW	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
		TOTAL	SUPPLIER DELIVERY	TOTAL	SUPPLIER DELIVERY	AMOUNT	%
10	3	1,416	\$86.72	\$143.51	\$89.52	\$8.71	6.5%
20	4	2,067	126.58	200.00	130.68	11.14	5.9%
30	6	2,633	161.24	260.89	166.46	16.44	6.7%
40	7	3,364	206.01	323.04	212.67	18.80	6.2%
50	9	4,299	263.27	410.04	271.78	23.86	6.2%
60	12	5,500	336.82	526.30	347.71	31.59	6.4%
70	15	7,313	447.85	685.85	462.33	38.92	6.0%
80	20	9,631	589.80	901.99	608.87	51.61	6.1%
90	35	16,675	1,021.18	1,556.77	1,054.19	89.59	6.1%
AVG USE	16	7,430	\$455.01	\$704.55	\$469.72	\$41.68	6.3%

PRESENT RATE

SMALL GENERAL TOU RATE G-4 MDTE NO. 234

DELIVERY SERVICES:

CUSTOMER

\$10.92 PER BILL

DISTRIBUTION (DEMAND)
TRANSITION
TRANSITION RATE ADJ
TRANSMISSION

\$1.14 PER KW
\$0.81

PEAK 25.04% OFF PK 74.96%

DISTRIBUTION (ENERGY)
TRANSITION
TRANSITION RATE ADJ
DEFAULT SERV ADJ
PENSIION ADJUSTMENT
DEMAND-SIDE MGT
RENEWABLE ENERGY

0.727 0.499 CENTS/KWH
0.000 0.000
0.160 0.160
0.000 0.000
0.250 0.250
0.050 0.050

SUPPLIER SERVICES:

STANDARD OFFER
SOSFA

4.700 4.700 CENTS/KWH
1.424 1.424

PROPOSED RATE

SMALL GENERAL TOU RATE G-4

DELIVERY SERVICES:

CUSTOMER

\$12.04 PER BILL

DISTRIBUTION (DEMAND)
TRANSITION
TRANSITION RATE ADJ
TRANSMISSION

\$4.98 PER KW
\$0.99 (\$0.13)
\$4.59

PEAK 25.04% OFF PK 74.96%

DISTRIBUTION (ENERGY)
TRANSITION
TRANSITION RATE ADJ
DEFAULT SERV ADJ
PENSIION ADJUSTMENT
DEMAND-SIDE MGT
RENEWABLE ENERGY

0.294 0.000 CENTS/KWH
0.000 0.000
0.265 0.265
0.124 0.124
0.250 0.250
0.050 0.050

SUPPLIER SERVICES:

STANDARD OFFER
SOSFA

5.100 5.100 CENTS/KWH
1.222 1.222

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
SMALL GENERAL - OPTIONAL - TOU RATE G-4

LF = CUM % BILLS	LOW 0.435 MONTHLY KW	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
		TOTAL	SUPPLIER DELIVERY	TOTAL	SUPPLIER DELIVERY	AMOUNT	%
10	4	1,416	\$86.72	\$153.94	\$89.52	\$11.55	8.1%
20	6	2,067	126.58	220.86	130.68	16.82	8.2%
30	8	2,633	161.24	281.75	166.46	22.12	8.5%
40	10	3,364	206.01	354.33	212.67	27.32	8.4%
50	13	4,289	263.27	451.76	271.78	35.22	8.5%
60	17	5,500	336.82	578.45	347.71	45.79	8.6%
70	23	7,313	447.85	789.29	482.33	61.64	8.7%
80	30	9,631	589.80	1,006.29	608.87	80.01	8.6%
90	52	18,675	1,021.18	1,734.08	1,054.19	137.87	8.6%
AVERAGE	23	7,430	\$716.00	\$777.56	\$489.72	\$61.56	8.6%

PRESENT RATE

SMALL GENERAL TOU RATE G-4 MDTE NO. 234

DELIVERY SERVICES:

CUSTOMER	\$10.92	PER BILL
DISTRIBUTION (DEMAND)	\$1.14	PER KW
TRANSITION	\$0.81	
TRANSITION RATE ADJ	\$6.45	
TRANSMISSION		
DISTRIBUTION (ENERGY)	0.727	CENTS/KWH
TRANSITION	0.499	
TRANSITION RATE ADJ	0.160	
DEFAULT SERV ADJ	0.000	
PENSION ADJUSTMENT	0.230	
DEMAND-SIDE MGT	0.050	
RENEWABLE ENERGY		
SUPPLIER SERVICES:		
STANDARD OFFER	4.700	CENTS/KWH
SOSFA	1.424	

PROPOSED RATE

SMALL GENERAL TOU RATE G-4

DELIVERY SERVICES:

CUSTOMER	\$12.04	PER BILL
DISTRIBUTION (DEMAND)	\$4.98	PER KW
TRANSITION	\$0.99	
TRANSITION RATE ADJ	(\$0.13)	
TRANSMISSION	\$4.59	
DISTRIBUTION (ENERGY)	0.254	CENTS/KWH
TRANSITION	0.000	
TRANSITION RATE ADJ	0.000	
DEFAULT SERV ADJ	0.265	
PENSION ADJUSTMENT	0.124	
DEMAND-SIDE MGT	0.250	
RENEWABLE ENERGY	0.050	
SUPPLIER SERVICES:		
STANDARD OFFER	5.100	CENTS/KWH
SOSFA	1.222	

CAMBRIDGE ELECTRIC LIGHT COMPANY
TYPICAL BILL ANALYSIS
SMALL GENERAL - OPTIONAL - TOU RATE G-6 (NON-DEMAND)

MONTHLY CUM % BILLS	MONTHLY CUM % KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
		TOTAL	DELIVERY	TOTAL	DELIVERY	AMOUNT	%
10	0	\$13.84	\$3.00	\$14.53	\$11.43	\$0.89	6.5%
20	1	19.95	6.49	20.89	14.19	0.94	4.7%
30	3	28.58	11.27	29.60	17.97	1.02	3.6%
40	6	40.20	17.70	41.33	23.06	1.13	2.8%
50	11	55.79	26.33	57.07	29.89	1.28	2.3%
60	16	73.84	36.32	75.28	37.79	1.44	2.0%
70	24	99.50	50.52	101.19	49.03	1.69	1.7%
80	36	135.34	70.36	137.36	64.72	2.02	1.5%
90	54	196.53	104.23	199.11	91.51	2.58	1.3%
AVERAGE	810	\$97.84	\$49.60	\$99.51	\$48.30	1.67	1.7%

PRESENT RATE

SMALL GENERAL TOU RATE G-6 (NON-DEMAND) MDTE NO. 236

DELIVERY SERVICES:

CUSTOMER

	PER BILL	
	PEAK	OFF-PEAK
DISTRIBUTION	5.058	0.827
TRANSITION	0.678	0.043
TRANSITION RATE ADJ	7.522	0.000
DEFAULT SERV ADJ	-0.043	-0.043
PENSION ADJUSTMENT	0.160	0.160
DEMAND-SIDE MGT	0.000	0.000
RENEWABLE ENERGY	0.250	0.050

SUPPLIER SERVICES:

STANDARD OFFER	4.700	4.700
SOSFA	1.424	1.424

PROPOSED RATE

SMALL GENERAL TOU RATE G-6 (NON-DEMAND)

DELIVERY SERVICES:

CUSTOMER

	PER BILL	
	PEAK	OFF-PEAK
DISTRIBUTION	7.883	0.000
TRANSITION	0.858	0.001
TRANSITION RATE ADJ	5.350	0.000
DEFAULT SERV ADJ	(0.001)	(0.001)
PENSION ADJUSTMENT	0.265	0.265
DEMAND-SIDE MGT	0.124	0.124
RENEWABLE ENERGY	0.250	0.050

SUPPLIER SERVICES:

STANDARD OFFER	5.100	5.100
SOSFA	1.222	1.222

NSTAR ELECTRIC
COMMONWEALTH ELECTRIC COMPANY

M.D.T.E. No. 320
Cancels M.D.T.E. No. 533

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NSTAR ELECTRIC
COMMONWEALTH ELECTRIC COMPANY

M.D.T.E. No. 320A
Cancels M.D.T.E. No. 320

Page 1 of 3

RESIDENTIAL

RATE R-1

AVAILABILITY

This rate is available for all domestic uses in a single private dwelling, in an individual apartment or in a residential condominium. Service under this rate to residential condominiums is available to the extent permitted by applicable regulations of the Massachusetts Department of Telecommunications and Energy. Service under this rate shall be Annual or Seasonal as hereinafter defined and is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be single-phase at approximately 120/240 or 120/208 volts.

RATE PER MONTH (ANNUAL)

Annual Service:

Annual service is defined as service where the kilowatt-hours used in the billing months ending between June 1st and September 30th are less than the kilowatt-hours used by the same Customer during the other eight billing months of the calendar year.

Delivery Services:

Customer Charge:	\$3.73 <u>\$4.11</u> per month
Distribution:	4.52 <u>4.60</u> 6 cents per kilowatt-hour
Transition:	2.71 <u>2.02</u> 9 cents per kilowatt-hour
Transmission:	0.53 <u>4.71</u> 0 cents per kilowatt-hour

Supplier Services: (Optional)

Issued by:	Thomas J. May	Filed:	January 31, 2003
	President	Effective:	March 1, 2003

Issued by:	Thomas J. May	Filed:	December 3, 2003
	President	Effective:	January 1, 2004

NSTAR ELECTRIC
COMMONWEALTH ELECTRIC COMPANY

M.D.T.E. No. 320
Cancels M.D.T.E. No. 533

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NSTAR ELECTRIC
COMMONWEALTH ELECTRIC COMPANY

M.D.T.E. No. 320A
Cancels M.D.T.E. No. 320

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RESIDENTIAL

RATE R-1

Standard Offer:

As in effect per Tariff

Default Service:

As in effect per Tariff

Issued by: **Thomas J. May**
President

Filed: **January 31, 2003**
Effective: **March 1, 2003**

Issued by: **Thomas J. May**
President

Filed: **December 3, 2003**
Effective: **January 1, 2004**

NSTAR ELECTRIC
COMMONWEALTH ELECTRIC COMPANY

M.D.T.E. No. 320
Cancels M.D.T.E. No. 533

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NSTAR ELECTRIC
COMMONWEALTH ELECTRIC COMPANY

M.D.T.E. No. 320A
Cancels M.D.T.E. No. 320

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RESIDENTIAL

RATE R-1

RATE PER MONTH (ANNUAL) (continued)

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE PER MONTH (SEASONAL)

Seasonal Service:

Seasonal service is defined as service where the kilowatt-hours used in the billing months ending between June 1st and September 30th are more than the kilowatt-hours used by the same Customer during the other eight billing months of the calendar year.

Delivery Services:

Customer:	\$3.73 <u>\$4.11</u> per month
Distribution:	7.94 <u>68.279</u> cents per kilowatt-hour
Transition:	2.71 <u>72.029</u> cents per kilowatt-hour
Transmission:	1.05 <u>31.398</u> cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

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President

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President

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NSTAR ELECTRIC
COMMONWEALTH ELECTRIC COMPANY

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RESIDENTIAL

RATE R-1

A Customer requesting a reconnection of service at a location where service to such Customer was terminated at the Customer's request during the prior 12 months shall pay a minimum charge for the first billing month after reconnection equal to the charges for regular service described above plus: (1) the sum of the monthly Customer charges for each month during which service was not taken, and (2) a reconnection charge of \$50.

RATE PER MONTH (SEASONAL OPTIONAL)

Customers taking Seasonal Service under this rate schedule and who guarantee to pay minimum charges of ~~\$10.93~~\$12.05 per month in each month of the year may elect to be billed in accordance with the Annual Rate hereof.

A Customer requesting a reconnection of service at a location where service to such Customer was terminated at the Customer's request during the prior twelve months shall pay a minimum charge for the first billing month after reconnection equal to the charges for regular service described above plus: (1) the sum of the ~~\$10.93~~\$12.05 for each month during which service was not taken, and (2) a reconnection charge of \$50.00.

RATE ADJUSTMENTS

The charges for delivery service provided above under Annual, Seasonal and Seasonal Optional, shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge

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NSTAR ELECTRIC
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RESIDENTIAL

RATE R-1

Default Service Adjustment

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service shall continue until terminated on 3 business days' notice by the Customer.

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RESIDENTIAL ASSISTANCE

RATE R-2

AVAILABILITY

Upon written application, this rate is available for all domestic uses in a single private dwelling, in an individual apartment or in a residential condominium to any Customer meeting the qualifications stated in the special provisions section of this rate. Service under this rate to residential condominiums is available to the extent permitted by applicable regulations of the Massachusetts Department of Telecommunications and Energy (the "M.D.T.E."), shall be Annual or Seasonal as hereinafter defined and is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

The Company will guarantee the Customer's payment to its designated supplier up to the prices that the Company charges to Customers for Standard Offer Service in accordance with the regulations established by the M.D.T.E. at 220 C.M.R. 11.05(3)(c).

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be single-phase at approximately 120/240 or 120/208 volts.

RATE PER MONTH (ANNUAL)

Annual Service:

Annual service is defined as service where the kilowatt-hours used in the four billing months ending between June 1st and September 30th are less than the kilowatt-hours used by the same Customer during the other eight months of the calendar year.

Delivery Services:

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RESIDENTIAL ASSISTANCE

RATE R-2

Customer Charge:	\$2.21 per month
Distribution:	1.964 cents per kilowatt-hour
Transition:	2.718\$2.44 per month
Distribution:	1.783 cents per kilowatt-hour
Transition:	2.028 cents per kilowatt-hour
Transmission:	0.5340.710 cents per kilowatt-hour

RATE PER MONTH (ANNUAL) (continued)

Supplier Services: (Optional)

Standard Offer: **As in effect per Tariff**

Default Service: **As in effect per Tariff**

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE PER MONTH (SEASONAL)

Seasonal Service:

Seasonal service is defined as service where the kilowatt-hours used in the four billing months ending between June 1st and September 30th are more than the kilowatt-hours used by the same Customer during the other eight months of the calendar year.

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NSTAR ELECTRIC
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RESIDENTIAL ASSISTANCE

RATE R-2

Delivery Services:

Customer:	\$2.21 per month
Distribution:	3.896 cents per kilowatt-hour
Transition:	2.718\$2.44 per month
Distribution:	3.625 cents per kilowatt-hour
Transition:	2.028 cents per kilowatt-hour
Transmission:	1.0531.398 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer:	As in effect per Tariff
Default Service:	As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE PER MONTH (SEASONAL) (continued)

A Customer requesting a reconnection of service at a location where service to such Customer was terminated at the Customer's request during the prior 12 months shall pay a minimum charge for the first billing month after reconnection equal to the charges for regular service described above plus: (1) the sum of the monthly Customer charges for each month during which service was not taken, and (2) a reconnection charge of \$50.

RATE PER MONTH (SEASONAL OPTIONAL)

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RESIDENTIAL ASSISTANCE

RATE R-2

Customers taking Seasonal Service under this rate schedule and who guarantee to pay minimum charges of ~~\$6.39~~**\$7.05** per month in each month of the year may elect to be billed in accordance with the Annual Rate hereof.

A Customer requesting a reconnection of service at a location where service to such Customer was terminated at the Customer's request during the prior twelve months shall pay a minimum charge for the first billing month after reconnection equal to the charges for regular service described above plus: (1) the sum of the ~~\$6.39~~**\$7.05** for each month during which service was not taken, and (2) a reconnection charge of \$50.00.

STANDARD OFFER SERVICE

Standard Offer Service is available under this tariff for existing or new Customers who have not yet chosen a supplier other than the Company on or after the retail access date, when retail choice becomes available to all customers. A Standard Offer Service Customer will pay the Rate for Standard Offer Service set forth above in addition to the Rates for Retail Delivery Service. Anytime after the retail access date, if the Customer has selected an energy supplier other than the Company, the Customer may elect to return to Standard Offer Service by so notifying the Company.

DEFAULT SERVICE

Any Customer who is not receiving Standard Offer Service, and does not have a current supplier, will receive Default Service from the Company in accordance with the terms and price for Default Service as approved by the M.D.T.E. A Customer under this rate shall be transferred upon request from Default Service to Standard Offer Service at any time in accordance with the preceding section.

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RESIDENTIAL ASSISTANCE

RATE R-2

RATE ADJUSTMENTS

The charges for delivery service provided above under Annual, Seasonal and Seasonal Optional, shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

SPECIAL PROVISIONS

- (1) A Customer will be eligible for this rate upon verification of a Customer's eligibility for the low-income home energy assistance program, or its successor program, or verification of a Customer's receipt of any means tested public benefit, for which eligibility does not exceed 175 percent of the federal poverty level based on a household's gross income, or other criteria approved by the M.D.T.E..
- (2) Customers who qualify for this rate shall be required each year to certify their continuing compliance with the terms hereof.

TERMS OF PAYMENT

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RESIDENTIAL ASSISTANCE

RATE R-2

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service shall continue until terminated on 3 business days' notice by the Customer.

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RESIDENTIAL SPACE HEATING

RATE R-3

AVAILABILITY

This rate is available for all domestic uses in a single private dwelling, in an individual apartment or in a residential condominium where the principal means of heating the premises is provided by permanently installed electric space heating equipment. Service under this rate to residential condominiums is available to the extent permitted by applicable regulations of the Massachusetts Department of Telecommunications and Energy. Service under this rate is subject to the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be single-phase at approximately 120/240 or 120/208 volts.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$10.03 per month
Distribution:	2.628 cents per kilowatt-hour
Transition:	2.699\$11.06 per month
Distribution:	2.544 cents per kilowatt-hour
Transition:	2.026 cents per kilowatt-hour
Transmission:	0.4870.647 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer:

As in effect per Tariff

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RESIDENTIAL SPACE HEATING

RATE R-3

Default Service:

As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

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RESIDENTIAL SPACE HEATING

RATE R-3

Charges are net and are payable upon presentation of the Company's bill.

TERM

The initial term of service shall be one year and shall continue thereafter until terminated on 3 business days' notice by the Customer.

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RESIDENTIAL SPACE HEATING ASSISTANCE

RATE R-4

AVAILABILITY

Upon written application, this rate is available to any Customer meeting the qualifications stated in the special provisions section of this rate for all domestic uses in a single private dwelling, in an individual apartment or in a residential condominium where the principal means of heating the premises is provided by permanently installed electric space heating equipment. Service under this rate to residential condominiums is available to the extent permitted by applicable regulations of the Massachusetts Department of Telecommunications and Energy (the "M.D.T.E."). Service under this rate is subject to the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

The Company will guarantee the Customer's payment to its designated supplier up to the prices that the Company charges to Customers for Standard Offer Service in accordance with the regulations established by the M.D.T.E..

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be single-phase at approximately 120/240 or 120/208 volts.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$5.87 <u>\$6.47</u> per month
Distribution:	0.87 <u>0.611</u> cents per kilowatt-hour
Transition	2.69 <u>2.029</u> cents per kilowatt-hour
Transmission:	0.48 <u>0.647</u> cents per kilowatt-hour

Supplier Services: (Optional)

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RESIDENTIAL SPACE HEATING ASSISTANCE

RATE R-4

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service provided above under shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

SPECIAL PROVISIONS

- (1) A Customer will be eligible for this rate upon verification of a Customer's eligibility for the low-income home energy assistance program, or its successor program, or verification of a Customer's receipt of any means tested public benefit, for which eligibility does not exceed 175 percent of the federal poverty level based on a household's gross income, or other criteria

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RESIDENTIAL SPACE HEATING ASSISTANCE

RATE R-4

approved by the M.D.T.E..

- (2) Customers who qualify for this rate shall be required each year to certify their continuing compliance with the terms hereof.**

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service shall continue until terminated on 3 business days' notice by the Customer.

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CONTROLLED WATER HEATING

RATE R-5 (Closed)

AVAILABILITY

This rate is available for separately metered, controlled water heating service where the Customer has provided a permanently installed storage-type water heater of a size adequate to supply the Customer's hot water requirements. The availability of this rate is restricted to locations where the Company was providing controlled water heating service on July 1, 1991 or to Customers who apply for controlled water heating service prior to October 1, 1991. The Company may refuse service hereunder where the size and type of the water heating equipment does not comply with the Company's standard specifications. This rate is not available for space heating purposes. Service under this rate is subject to the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

Sixteen to eighteen hours daily, as determined by the Company, supplying the entire water heater or the lower heating element only. Alternating current, 60 hertz, approximately 120/240 or 120/208 volts, single-phase. Voltage as available and at the option of the Company.

RATE PER MONTH

Delivery Services:

Distribution:	2.751 cents per kilowatt-hour
Transition:	2.7072.786 cents per kilowatt-hour
Transition:	1.937 cents per kilowatt-hour
Transmission:	0.4930.654 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer:	As in effect per Tariff
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CONTROLLED WATER HEATING

**RATE R-5
(Closed)**

Default Service:

As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be ~~\$1.69~~, \$1.87, except that for Customers taking Seasonal Service as defined in Rate R-1, the minimum charge per month shall be ~~\$5.12~~ \$5.65 for the billing months of June, July, August and September and ~~\$1.69~~ \$1.87 in any other month during which electricity is used.

RATE ADJUSTMENTS

The charges for delivery service provided above, under Annual and Seasonal, shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

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CONTROLLED WATER HEATING

RATE R-5
(Closed)

TERMS OF PAYMENT

Charges are net and are payable upon presentation of bill.

TERM

The initial term of service shall be one year and thereafter until terminated on 3 business days' notice by the Customer.

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OPTIONAL RESIDENTIAL TIME-OF-USE

RATE R-6

AVAILABILITY

Upon written application, this rate is available for all domestic uses to Customers who take all of their electric service requirements hereunder in a single private dwelling, in an individual apartment or in a residential condominium. Service under this rate to residential condominiums is available to the extent permitted by applicable regulations of the Massachusetts Department of Telecommunications and Energy. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltages under this rate schedule. As available and at the Company's option, such service shall be single phase at approximately 120/240 or 120/208 volts.

RATE PER MONTH

Delivery Services:

Customer Charge: **\$7.338.08** per month

Distribution:

Peak Load Period **14.1693.455** cents per kilowatt-hour
Low Load Period **0.722935** cents per kilowatt-hour

Transition:

Peak Load Period **78.60442** cents per kilowatt-hour
Low Load Period **1.4410.650** cents per kilowatt-hour

Transmission:

All periods **0.48647** cents per kilowatt-hour

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OPTIONAL RESIDENTIAL TIME-OF-USE

RATE R-6

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

RATE PER MONTH (continued)

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

A Customer requesting a reconnection of service at a location where service to such Customer was terminated at the Customer's request during the prior 12 months shall pay a minimum charge for the first billing month after reconnection equal to the charges for regular service described above plus: (1) the sum of the monthly Customer charges for each month during which service was not taken, and (2) a reconnection charge of \$50.

RATE ADJUSTMENTS

The charges for delivery service provided shall be subject to the following:

**Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment**

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OPTIONAL RESIDENTIAL TIME-OF-USE

RATE R-6

BILLING PERIODS

Peak Load Period:

During that portion of the year when eastern daylight savings time is in effect, the period beginning at 9:00 a.m. and ending at 6:00 p.m. on all weekdays, Monday through Friday.

During that portion of the year when eastern standard time is in effect, the period beginning at 4:00 p.m. and ending at 9:00 p.m. on all weekdays, Monday through Friday.

Low Load Period:

All hours not included in the Peak Load Period.

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

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OPTIONAL RESIDENTIAL TIME-OF-USE

RATE R-6

The initial term of service shall be one year and thereafter until terminated on 30 days' notice by the Customer.

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GENERAL

RATE G-1

AVAILABILITY

This rate is available for all non-residential uses of electricity to all Customers except those customers whose load for billing purposes either exceeds or is estimated to exceed 100 kilowatts in each of 12 consecutive billing months. Service under this rate shall be Annual or Seasonal as hereinafter defined and is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltage under this rate schedule. As available and at the Company's option, such service shall be either single-phase at approximately 120/240 or 120/208 volts or 4-wire, three-phase at approximately 120/208 or 277/480 volts.

RATE PER MONTH (ANNUAL)

Annual Service:

Annual service is defined as service where the kilowatt-hours used in the four billing months ending between June 1st and September 30th are less than the kilowatt-hours used by the same Customer during the other eight billing months in the calendar year.

Delivery Services:

Customer Charge: ~~\$5.53~~\$6.10 per month

Distribution (Demand):

First 10 kilowatts or less

No Charge

Over 10 kilowatts

~~\$4.86~~\$5.36 per kilowatt

Distribution (Energy):

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GENERAL

RATE G-1

First 2,300 kilowatt-hours	3.6913.683 cents per kilowatt-hour
Over 2,300 kilowatt-hours	0.7640.453 cents per kilowatt-hour
Transition (Energy):	2.7232.030 cents per kilowatt-hour
Transmission (Energy):	0.5430.721 cents per kilowatt-hour

RATE PER MONTH (ANNUAL) (continued)

Supplier Services: (Optional)

Standard Offer:	As in effect per Tariff
Default Service:	As in effect per Tariff

Minimum Charge :

The minimum charge per month shall be the Customer Charge.

RATE PER MONTH (SEASONAL)

Seasonal Service:

Seasonal service is defined as service where the kilowatt-hours used in the four billing months ending between June 1st and September 30th are more than the kilowatt-hours used by the same Customer during the other eight billing months in the calendar year.

Delivery Services:

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GENERAL

RATE G-1

Customer: **~~\$5.53~~\$6.10** per month

Distribution (Demand):

First 10 kilowatts or less **No Charge**

Over 10 kilowatts **~~\$4.31~~\$4.76** per kilowatt

Distribution (Energy):

First 1,800 kilowatt-hours **~~7.22~~7.487** cents per kilowatt-hour

Over 1,800 kilowatt-hours **1.766** cents per kilowatt-hour

Transition (Energy):

2.030 cents per kilowatt-hour

Transmission (Energy):

0.933 cents per kilowatt-hour

RATE PER MONTH (SEASONAL) (continued)

Supplier Services: (Optional)

Standard Offer: **As in effect per Tariff**

Default Service: **As in effect per Tariff**

Minimum Charge :

The minimum charge per month shall be the Customer Charge.

A Customer requesting a reconnection of service at a location where service to such Customer was terminated at the Customer's request during the prior 12 months shall pay a minimum

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GENERAL

RATE G-1

charge for the first billing month after reconnection equal to the charges for regular service described above plus: (1) the sum of the monthly Customer charges for each month during which service was not taken, and (2) a reconnection charge of \$50.

RATE PER MONTH (SEASONAL OPTIONAL)

Customers who qualify for Seasonal Service under this rate schedule and who guarantee to pay demand charges in each month of the year based on the greater of: (a) the Customer's load demand determined during the billing month or (b) fifty (50) kilowatts may elect to be billed in accordance with the Annual Rate hereof. Agreement for such service may be terminated only in the month of May of each year.

RATE ADJUSTMENTS

The charges for delivery service provided above, under Annual and Seasonal, shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

PRIMARY SERVICE

When a Customer takes service at the Company's available primary voltages (13,200 volts or 25,000 volts) and furnishes and maintains the necessary transforming, switching and protective equipment,

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RATE G-1

a discount of 3% will apply to the delivery rates specified above.

When the Company meters electricity at primary voltage to a Customer taking primary voltage service, a discount of 2% will apply to the bill amount determined under all of the foregoing provisions of this rate schedule.

DETERMINATION OF DEMAND

For billing purposes, the Customer's load in demand units ("demand") shall be the greatest rate of taking service for any 15-minute interval during the billing month as measured in kilowatts by a suitable meter or as otherwise determined by the Company. The demand shall be determined to the nearest whole kilowatt.

The demand shall be measured whenever the Customer's load is known or estimated to be 10 kilowatts or more as determined by the Company. However, any Customer's load may be measured for determining demand at the Company's option.

For Customers taking service at primary voltage, the demand shall be a minimum of 50 kilowatts.

SPECIAL EQUIPMENT

Where a Customer has connected to the Company's service welding apparatus, high frequency devices or other equipment of a nature to create high momentary loads and where the operation of such equipment is, in the Company's opinion, detrimental to the Company's service, a charge at the rate of \$1.75 per month per kilovolt-ampere or fraction thereof of installed capacity of such equipment will apply and will be added to the monthly bill.

The installed capacities of such equipment will be determined from manufacturer's nameplate ratings or by measurement, at the option of the Company. Welding apparatus supplied through motor generators will not be considered in the application of this provision.

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GENERAL

RATE G-1

SPECIAL PROVISIONS

- A. When requested by the Company, the Customer agrees to furnish free of charge adequate accommodations upon its property for the installation of transformers and other apparatus necessary for the Company to furnish service, and to permit the construction of necessary transmission lines upon its property either overhead or underground as mutually agreed upon.
- B. Should a Customer elect to discontinue taking service under the terms of this rate in order to take advantage of other available rates, such Customer may not resume taking service under the terms of this rate for a period of 12 months after discontinuing taking service hereunder.
- C. The Company will provide service at approximately 575 volts to service locations existing prior to January 31, 1989. The Company reserves the right to refuse additional or increased loads at 575 volts.

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

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GENERAL

RATE G-1

Service shall continue until terminated on 3 business days' written notice by the Customer.

Except for Customers engaging in net metering, Customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of May 1, 1995.

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MEDIUM GENERAL TIME-OF-USE

RATE G-2

AVAILABILITY

This rate is available for all uses of electricity to Customers who establish demands in excess of 100 kilowatts but not greater than 500 kilowatts for at least 12 consecutive months. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltage under this rate schedule. As available and at the Company's option, such service shall be either single-phase at approximately 120/240 or 120/208 volts or 4-wire, three-phase at approximately 120/208 or 277/480 volts.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$360.00 \$397.33 per month
Distribution (Demand):	\$1.53 \$0.64 per kilovolt-ampere
Distribution (Energy):	
Peak Load Period	1.40 1.456 cents per kilowatt-hour
Low Load Period A	1.12 1.143 cents per kilowatt-hour
Low Load Period B	0.59 0.561 cents per kilowatt-hour
Transition (Energy):	2.72 2.037 cents per kilowatt-hour
Transmission (Demand):	\$1.52 \$2.42 per kilovolt-ampere
Transmission (Energy):	0.083 cents per kilowatt-hour

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MEDIUM GENERAL TIME-OF-USE

RATE G-2

Supplier Services: (Optional)

Standard Offer:

As in effect per Tariff

Default Service:

As in effect per Tariff

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MEDIUM GENERAL TIME-OF-USE

RATE G-2

RATE PER MONTH (continued)

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

PRIMARY SERVICE

When a Customer takes service at the Company's available primary voltages (13,200 volts or 25,000 volts) and furnishes and maintains the necessary transforming, switching and protective equipment, a discount of 3% will apply to the delivery rates specified above.

When the Company meters electricity at primary voltage to a Customer taking primary voltage service, a discount of 2% will apply to the bill amount determined under all of the foregoing provisions of this rate schedule.

DETERMINATION OF BILLING DEMAND

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MEDIUM GENERAL TIME-OF-USE

RATE G-2

The demand for billing purposes shall be the highest 15-minute demand in kilovolt-amperes established during the Peak Load Period of the billing month as measured on a suitable meter or as determined by any other accepted method, at the option of the Company, but shall not be less than 36% of the maximum 15-minute demand in kilovolt-amperes established during any billing period of the billing month.

BILLING PERIODS

Peak Load Period:

During that portion of the year when eastern daylight savings time is in effect, the period beginning at 9:00 a.m. and ending at 6:00 p.m. on all weekdays, Monday through Friday.

During that portion of the year when eastern standard time is in effect, the period beginning at 4:00 p.m. and ending at 9:00 p.m. on all weekdays, Monday through Friday.

Low Load Period:

All hours not included in the Peak Load Period. The Low Load Period shall be further divided into 2 separate time periods as follows:

Low Load Period A:

All hours not included in the Peak Load Period or Low Load Period B.

Low Load Period B:

During both eastern daylight savings time and eastern standard time, the period

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MEDIUM GENERAL TIME-OF-USE

RATE G-2

beginning at 10:00 p.m. and ending at 7:00 a.m. on all weekdays, Monday through Friday, and all hours on Saturday and Sunday.

SPECIAL EQUIPMENT

Where Customers have connected to the Company's service welding apparatus, high frequency devices or other equipment of a nature to create high momentary loads and where the operation of such equipment is, in the Company's opinion, detrimental to the Company's service, a charge at the rate of \$1.84 per month per kilovolt-ampere or fraction thereof of installed capacity of such equipment will apply and will be added to the monthly bill. The installed capacities of such equipment will be determined from manufacturer's nameplate ratings or by measurement, at the option of the Company. Welding apparatus supplied through motor generators will not be considered in the application of this provision.

SPECIAL PROVISIONS

- A. When requested by the Company, the Customer agrees to furnish free of charge adequate accommodations upon its property for the installation of transformers and other apparatus necessary for the Company to furnish service, and to permit the construction of necessary transmission lines upon its property either overhead or underground as mutually agreed upon.
- B. The Company will provide service at approximately 575 volts to service locations existing prior to January 31, 1989. The Company reserves the right to refuse additional or increased loads at 575 volts.

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MEDIUM GENERAL TIME-OF-USE

RATE G-2

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 12 consecutive months and shall continue thereafter until terminated on six months' written notice by the Customer.

Except for Customers engaging in net metering, Customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of May 1, 1995.

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LARGE GENERAL TIME-OF-USE

RATE G-3

AVAILABILITY

This rate is available for all uses of electricity to Customers who establish demands in excess of 500 kilowatts for at least 12 consecutive months. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltage under this rate schedule. As available and at the Company's option, such service shall be either single-phase at approximately 120/240 or 120/208 volts or 4-wire, three-phase at approximately 120/208 or 277/480 volts.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$900.00 <u>\$993.11</u> per month
Distribution (Demand):	\$0.88 <u>\$1.09</u> per kilovolt-ampere
Distribution (Energy):	
Peak Load Period	0.87 <u>1.740</u> cents per kilowatt-hour
Low Load Period A	0.77 <u>1.513</u> cents per kilowatt-hour
Low Load Period B	0.41 <u>0.012</u> cents per kilowatt-hour
Transition (Demand):	\$2.41 <u>\$1.86</u> per kilovolt-ampere
Transition (Energy):	
Peak Load Period	2.32 <u>1.715</u> cents per kilowatt-hour
Low Load Period A	2.12 <u>1.629</u> cents per kilowatt-hour

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LARGE GENERAL TIME-OF-USE

RATE G-3

Low Load Period B ~~1.91~~1.547 cents per kilowatt-hour

Transmission (Demand): ~~\$1.92~~\$2.56 per kilovolt-ampere

RATE PER MONTH (continued)

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge

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LARGE GENERAL TIME-OF-USE

RATE G-3

Default Service Adjustment

PRIMARY SERVICE

When a Customer takes service at the Company's available primary voltages (13,200 volts or 25,000 volts) and furnishes and maintains the necessary transforming, switching and protective equipment, a discount of 3% will apply to the delivery rates specified above.

When the Company meters electricity at primary voltage to a Customer taking primary voltage service, a discount of 2% will apply to the bill amount determined under all of the foregoing provisions of this rate schedule.

DETERMINATION OF BILLING DEMAND

The demand for billing purposes shall be the highest 15-minute demand in kilovolt-amperes established during the Peak Load Period of the billing month as measured on a suitable meter or as determined by any other accepted method, at the option of the Company, but shall not be less than 35% of the maximum 15-minute demand in kilovolt-amperes established during any billing period of the billing month.

BILLING PERIODS

Peak Load Period:

During that portion of the year when eastern daylight savings time is in effect, the period beginning at 9:00 a.m. and ending at 6:00 p.m. on all weekdays, Monday through Friday.

During that portion of the year when eastern standard time is in effect, the period beginning at 4:00 p.m. and ending at 9:00 p.m. on all weekdays, Monday through Friday.

Low Load Period:

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LARGE GENERAL TIME-OF-USE

RATE G-3

All hours not included in the Peak Load Period. The Low Load Period shall be further divided into 2 separate time periods as follows:

Low Load Period A:

All hours not included in the Peak Load Period or Low Load Period B.

Low Load Period B:

During both eastern daylight savings time and eastern standard time, the period beginning at 10:00 p.m. and ending at 7:00 a.m. on all weekdays, Monday through Friday, and all hours on Saturday and Sunday.

SPECIAL EQUIPMENT

Where Customers have connected to the Company's service welding apparatus, high frequency devices or other equipment of a nature to create high momentary loads and where the operation of such equipment is, in the Company's opinion, detrimental to the Company's service, a charge at the rate of \$1.84 per month per kilovolt-ampere or fraction thereof of installed capacity of such equipment will apply and will be added to the monthly bill. The installed capacities of such equipment will be determined from manufacturer's nameplate ratings or by measurement, at the option of the Company. Welding apparatus supplied through motor generators will not be considered in the application of this provision.

SPECIAL PROVISIONS

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LARGE GENERAL TIME-OF-USE

RATE G-3

- A. When requested by the Company, the Customer agrees to furnish free of charge adequate accommodations upon its property for the installation of transformers and other apparatus necessary for the Company to furnish service, and to permit the construction of necessary transmission lines upon its property either overhead or underground as mutually agreed upon.
- B. The Company will provide service at approximately 575 volts to service locations existing prior to January 31, 1989. The Company reserves the right to refuse additional or increased loads at 575 volts.

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 12 consecutive months and shall continue thereafter until terminated on six months' written notice by the Customer.

Except for customers engaging in net metering, Customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of May 1, 1995.

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GENERAL POWER

RATE G-4
(Closed)

AVAILABILITY

This rate is available for general power purposes only at existing service locations to Customers who were taking service under this rate schedule as of February 8, 1980. This rate is not available for standby service in idle plants or buildings, or where operations have been reduced to a small part of normal capacity of the plant.

For industrial service where the connected load is 50 horsepower or more, incidental lighting will be allowed. This rate is subject to the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers alternating current, 60 hertz, approximately 120/240 or 120/208 volts, single-phase; 120/208 or 277/480 volts, 4-wire, three-phase. Voltage as available and at the option of the Company.

RATE PER MONTH

Delivery Services:

Customer:	\$5.536.10 per month
Distribution (Demand):	\$1.745 per kilowatt
Distribution (Energy):	1.623404 cents per kilowatt-hour
Transition (Energy):	2.670027 cents per kilowatt-hour
Transmission (Demand):	\$0.811.14 per kilowatt

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COMMONWEALTH ELECTRIC COMPANY

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GENERAL POWER

RATE G-4
(Closed)

Transmission (Energy): 0.03303 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

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GENERAL POWER

RATE G-4
(Closed)

RATE PER MONTH (continued)

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

DETERMINATION OF BILLING DEMAND

The demand for billing purposes shall be the highest 15-minute demand in kilowatts established during the billing month, but shall not be less than eighty percent (80%) of the highest 15-minute kilovolt-ampere demand as determined by test or any other accepted method, at the option of the Company, and in no event less than thirty (30) kilowatts.

PRIMARY SERVICE

When a Customer takes service at the Company's available primary voltage, as it may exist from

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GENERAL POWER

RATE G-4
(Closed)

time to time, and furnishes and maintains the necessary transforming, switching and protective equipment, a discount of three percent (3%) will apply to the delivery rates specified above.

When the Company meters electricity delivered to a Customer at primary voltage, a discount of two percent (2%) will apply to the bill amount determined under all of the foregoing provisions of this rate schedule.

SPECIAL EQUIPMENT

Where Customers have connected to the Company's service welding apparatus, high-frequency devices, or other equipment of a nature to create high momentary demands and where the operations of such equipment is, in the Company's opinion, detrimental to the Company's service, a charge at the rate of \$1.18 per month per kilovolt-ampere or fraction thereof of installed capacity of such equipment will apply and will be added to the monthly bill.

The installed capacities of such equipment will be determined from manufacturer's nameplate ratings or by measurement, at the option of the Company. Welding apparatus supplied through motor generators will not be considered in the application of this provision.

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of bill.

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GENERAL POWER

RATE G-4
(Closed)

TERM

Until terminated on 3 business days' written notice by the Customer.

Except for Customers engaging in net metering, Customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of May 1, 1995.

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COMMERCIAL SPACE HEATING

RATE G-5
(Closed)

AVAILABILITY

This rate is available only at existing service locations to Customers who were taking service prior to January 31, 1989 for electric space heating through a separate meter where electricity is the sole means of heating the premises. All space heating equipment shall be permanently installed. Heat pumps may be used for both heating and air conditioning. Air conditioning and incidental water heating, not including central kitchen or laundry use, may be included in this service at the Customer's option. This rate is not available for service to individually-metered residences. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltage under this rate schedule. As available and at the Company's option, such service shall be either single-phase at approximately 120/240 or 120/208 volts or 4-wire, three-phase at approximately 120/208 or 277/480 volts.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$5.40 <u>\$5.96</u> per month
Distribution:	3.230 <u>3.179</u> cents per kilowatt-hour
Transition:	2.708 <u>2.027</u> cents per kilowatt-hour
Transmission:	0.537 <u>0.714</u> cents per kilowatt-hour

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COMMERCIAL SPACE HEATING

**RATE G-5
(Closed)**

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

RATE PER MONTH (continued)

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

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COMMERCIAL SPACE HEATING

RATE G-5

(Closed)

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 12 consecutive months and shall continue thereafter until terminated on 3 business days' written notice by the Customer.

Except for Customers engaging in net metering, Customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of May 1, 1995.

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ALL-ELECTRIC SCHOOL

RATE G-6
(Closed)

AVAILABILITY

This rate is available only at existing service locations to Customers who were taking service as of February 8, 1980 under an all-electric school rate schedule or under a special contract for all-electric school service.

This rate is available for annual service in public and private school buildings where electricity supplies the total energy requirements of the premises served. The design and installation of electrical equipment for space heating, water heating, cooking and other purposes shall be acceptable to the Company. This rate is subject to the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltage under this rate schedule. As available and at the Company's option, such service shall be either single-phase at approximately 120/240 or 120/208 volts or 4-wire, three-phase at approximately 120/208 or 277/480 volts.

RATE PER MONTH

Delivery Services:

Customer Charge:	\$27.13\$29.93 per month
Distribution:	1.2591.057 cents per kilowatt-hour
Transition:	2.7002.027 cents per kilowatt-hour
Transmission:	0.4450.591 cents per kilowatt-hour

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ALL-ELECTRIC SCHOOL

**RATE G-6
(Closed)**

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

RATE PER MONTH (continued)

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

FARM DISCOUNT RIDER

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ALL-ELECTRIC SCHOOL

**RATE G-6
(Closed)**

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

PRIMARY SERVICE

When a Customer takes service at the Company's available primary voltages (13,200 volts and 25,000 volts) and furnishes and maintains the necessary transforming, switching and protective equipment, a discount of 3% will apply to the delivery rates specified above.

When the Company meters electricity at primary voltage to a Customer taking primary voltage service, a discount of 2% will apply to the bill amount determined under all of the foregoing provisions of this rate schedule.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 12 consecutive months and shall continue thereafter until terminated on 3 business days' written notice by the Customer.

Except for Customers engaging in net metering, Customers served under this rate must provide the

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ALL-ELECTRIC SCHOOL

RATE G-6
(Closed)

Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of May 1, 1995.

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OPTIONAL GENERAL TIME-OF-USE

RATE G-7

AVAILABILITY

This rate is available for all non-residential uses of electricity to Customers who take all of their electric service requirements hereunder except those customers whose load for billing purposes either exceeds or is estimated to exceed 100 kilowatts in each of 12 consecutive billing months. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, alternating current service at secondary voltage under this rate schedule. As available and at the Company's option, such service shall be either single-phase at approximately 120/240 or 120/208 volts or 4-wire, three-phase at approximately 120/208 or 277/480 volts.

RATE PER MONTH (ANNUAL)

Annual Service:

Annual service is defined as service where the kilowatt-hours used in the four billing months ending between June 1st and September 30th are less than the kilowatt-hours used by the same Customer during the other eight billing months in the calendar year.

Delivery Services:

Customer Charge: ~~\$9.13~~\$10.07 per month

Distribution (Demand): ~~\$3.35~~\$3.04 per kilowatt

Distribution (Energy):

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OPTIONAL GENERAL TIME-OF-USE

RATE G-7

Peak Load Period	1.92 1.995 cents per kilowatt-hour
Low Load Period	1.23 1.234 cents per kilowatt-hour
Transition (Energy):	2.84 2.069 cents per kilowatt-hour
Transmission (Demand):	\$1.52 \$1.90 per kilowatt
Transmission (Energy):	0.036 cents per kilowatt-hour

RATE PER MONTH (ANNUAL) (continued)

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

RATE PER MONTH (SEASONAL)

Seasonal Service:

Seasonal Service is defined as service where the kilowatt-hours used in the four billing months ending between June 1st and September 30th are more than the kilowatt-hours used by the same Customer during the other eight billing months in the calendar year.

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OPTIONAL GENERAL TIME-OF-USE

RATE G-7

Delivery Services:

Customer:	\$9.13 <u>\$10.07</u> per month
Distribution (Demand):	\$3.39 <u>\$3.46</u> per kilowatt
Distribution (Energy):	
Peak Load Period	4.10 <u>4.39</u> cents per kilowatt-hour
Low Load Period	3.39 <u>3.61</u> cents per kilowatt-hour
Transition (Energy):	2.84 <u>2.06</u> cents per kilowatt-hour
Transmission (Demand):	\$0.69 <u>\$0.81</u> per kilowatt

Transmission (Energy): 0.005 cents per kilowatt-hour

RATE PER MONTH (SEASONAL) (continued)

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

Minimum Charge:

The minimum charge per month shall be the Customer Charge.

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OPTIONAL GENERAL TIME-OF-USE

RATE G-7

A Customer requesting a reconnection of service at a location where service to such Customer was terminated at the Customer's request during the prior 12 months shall pay a minimum charge for the first billing month after reconnection equal to the charges for regular service described above plus: (1) the sum of the monthly Customer charges for each month during which service was not taken, and (2) a reconnection charge of \$50.

RATE ADJUSTMENTS

The charges for delivery service provided above under Annual and Seasonal, shall be subject to the following:

- Transition Cost Adjustment
- Transmission Service Cost Adjustment
- Pension Adjustment
- Energy Efficiency Charge
- Renewable Energy Charge
- Default Service Adjustment

PRIMARY SERVICE

When a Customer takes service at the Company's available primary voltage (13,200 volts or 25,000 volts) and furnishes and maintains the necessary transforming, switching and protective equipment, a discount of 3% will apply to the delivery rates specified above.

When the Company meters electricity at primary voltage to a Customer taking primary voltage service, a discount of 2% will apply to the bill amount determined under all of the foregoing provisions of this rate schedule.

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OPTIONAL GENERAL TIME-OF-USE

RATE G-7

DETERMINATION OF CUSTOMER DEMAND

For billing purposes, Customer's load in demand units ("demand") shall be the greatest rate of taking service for any 15-minute interval during the Peak Load Period of the billing month as measured in kilowatts by a suitable meter or as otherwise determined by the Company. The demand shall be determined to the nearest whole kilowatt.

For Customers taking service at primary voltage, the demand shall be a minimum of 50 kilowatts.

BILLING PERIODS

Peak Load Period:

During that portion of the year when eastern daylight savings times is in effect, the period beginning at 9:00 a.m. ending at 6:00 p.m. on all weekdays, Monday through Friday.

During that portion of the year when eastern standard time is in effect, the period beginning at 4:00 p.m. and ending at 9:00 p.m. on all weekdays, Monday through Friday.

Low Load Period:

All hours not included in the Peak Load Period.

SPECIAL EQUIPMENT

Where Customers have connected to the Company's service welding apparatus, high frequency devices or other equipment of a nature to create high momentary loads and where the operation of such equipment is, in the Company's opinion detrimental to the Company's service, a charge at the rate of \$1.75 per month per kilovolt-ampere or fraction thereof of installed capacity of such

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OPTIONAL GENERAL TIME-OF-USE

RATE G-7

equipment will apply and will be added to the monthly bill.

The installed capacities of such equipment will be determined from manufacturer's nameplate ratings or by measurement, at the option of the Company. Welding apparatus supplied through motor generators will not be considered in the application of this provision.

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OPTIONAL GENERAL TIME-OF-USE

RATE G-7

SPECIAL PROVISIONS

- A. When requested by the Company, the Customer agrees to furnish free of charge adequate accommodations upon its property for the installation of transformers and other apparatus necessary for the Company to furnish service, and to permit the construction of necessary transmission lines upon its property either overhead or underground as mutually agreed upon.
- B. The Company will provide service at approximately 575 volts to service locations existing prior to January 31, 1989. The Company reserves the right to refuse additional or increased loads at 575 volts.

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 12 consecutive months and shall continue thereafter until terminated on 30 days' written notice by the Customer.

Except for Customers engaging in net metering, Customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the

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OPTIONAL GENERAL TIME-OF-USE

RATE G-7

Customer's location as of May 1, 1995.

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OUTDOOR LIGHTING

RATE S-1

AVAILABILITY

Upon written application and the execution of an Outdoor Lighting Service Agreement, outdoor lighting services are available under this rate schedule to any Customer for approximately 4,000 hours of operation per year. Street Lighting Service is available hereunder for the lighting of streets, highways and other roadways which have been accepted as public ways by a city, town or other duly authorized public authority. Area Lighting and Floodlighting Services are available hereunder for other outdoor lighting applications. Service under this rate is subject to the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

STREET LIGHTING SERVICE

Delivery Services:

- A. Basic Annual Charges apply to overhead connected lighting units on poles carrying other electric power circuits.

	<u>Nominal Rating</u>		<u>Basic Annual Charges</u>	
	<u>Lumens</u>	<u>Watts</u>	<u>Luminaire Charge</u>	<u>Transmission Charge</u>
Mercury Vapor	4,200	100	\$73.80	\$2.28
<u>\$2.96</u>				<u>\$80.01</u>
	8,600	175	83.11	3.72
	12,100	250	96.62	5.16
	22,500	400	119.69	8.04
	63,000	1,000	222.95	19.32
<u>4.88</u>				<u>89.27</u>
	12,100	250	103.27	6.80
	22,500	400	126.89	10.71
	63,000	1,000	233.38	25.64

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OUTDOOR LIGHTING**RATE S-1**

High Pressure Sodium	4,000	50	60.51	1.0866.06
1.36				
	5,800	70	63.19	1.44
	9,500	100	67.98	2.04
	16,000	150	74.81	3.00
	27,500	250	95.32	5.16
	50,000	400	119.64	8.2868.74
1.94				
	9,500	100	73.67	2.73
	16,000	150	80.56	3.98
	27,500	250	101.76	6.89
	50,000	400	126.60	10.96
High Pressure Sodium	4,000	50	60.99	1.0866.66
1.36				
Cutoffs	5,800	70	68.59	1.44
	9,500	100	67.98	2.04
	16,000	150	74.81	3.0074.70
1.94				
	9,500	100	73.67	2.73
	16,000	150	80.56	3.98

STREET LIGHTING SERVICE (continued)**Delivery Services:** (continued)**A. Basic Annual Charges** (continued)**Nominal Rating Basic Annual Charges****Lumens Watts**

Luminaire

Transmission

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President

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			<u>Charge</u>	<u>Charge</u>	
High Pressure Sodium	27,500	250	95.32	5.16	101.76 6.89
Cutoffs	50,000	400	119.64	8.28	126.60 10.96
Open Incandescent	1,000	-	\$69.56	\$1.80	\$75.55
					<u>\$2.37</u>
	2,500	-	81.82	3.48	88.01 4.56
Enclosed Incandescent	6,000	-	113.29	7.56	120.04 10.12
	10,000	-	134.43	10.56	141.36 14.00

B. Special Provisions

1. The following additional charges shall be added to the above Basic Annual Charge for existing units utilized only for street lighting purposes:

- a. Where a street lighting fixture is installed on a metal pole with an overhead service connection and the Company installs, owns and maintains the metal pole assembly:

Installed prior to January 31, 1989	\$ 40.56 44.68 per year
Installed on or after January 31, 1989	\$155.04 <u>\$170.98</u> per year

- b. Where a street lighting fixture is installed on a metal pole with an underground service connection and the Company installs, owns and maintains the metal pole assembly, underground cable, conduit, manholes, and sub-base:

Installed prior to January 31, 1989	\$ 67.56 74.47 per year
Installed on or after January 31, 1989	\$257.04 <u>\$283.59</u> per year

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RATE S-1

B. Special Provisions (continued)

- c. Where a street lighting fixture is installed on a metal pole with an underground service connection and the Company installs, owns and maintains the metal pole assembly and underground cable, and the Customer furnishes, installs, owns and maintains the conduit, manholes and sub-base, a charge of ~~\$126.96~~\$140.00 per year shall apply to each such unit.**

2. URD Post-Top Lighting Service:

Colonial style mercury vapor post-top lighting service shall be provided only at existing locations served as of August 1, 1979 in qualifying Underground Residential Developments as follows:

	<u>Nominal Rating</u>		<u>Distance from</u>	<u>Basic Annual Charge</u>		
	<u>Lumens</u>	<u>Watts</u>	<u>Power Source</u>	<u>Luminaire</u>	<u>Transmission</u>	
				<u>Charge</u>	<u>Charge</u>	
(i)	4,200	100	5 feet or less	\$126.90	38.61	\$2.04
(i)	4,200	100	5 to 100 feet	133.84	6.36	2.04
(ii)	4,200	100	5 to 100 feet	72.90	2.04	2.73
(ii)	4,200	100	5 feet or less	79.86	2.04	2.73

Annual Charge (i) above will apply when the Company furnishes, installs, owns and maintains the post-top lighting fixtures, poles and associated equipment.

Annual Charge (ii) above will apply when the Customer furnishes and installs at his own expense the post-top lighting fixtures, poles and associated equipment, and the

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Company owns and maintains said facilities.

3. An annual charge (iii) below shall be applicable to 70 watt sodium vapor post-top lighting units converted from existing incandescent units supplied from underground circuits and located in the City of New Bedford and the Town of Marion. This provision is only applicable to Customers who have executed an agreement with the Company to convert the incandescent fixtures to sodium vapor on or before September 1, 1988. After such date the Company may require an additional payment to cover any excess costs of converting such facilities. Replacement or relocation of existing fixtures in these municipalities will be at the Customer's expense.

STREET LIGHTING SERVICE (continued)

Delivery Services: (continued)

B. Special Provisions (continued)

3. (continued)

		<u>Basic Annual Charge</u>	
		<u>Luminaire Charge</u>	<u>Transmission Charge</u>
(iii) Sodium Post Top	70W	\$75.55	\$1.44\$82.45
		\$1.94	

4. URD Street Lighting Service:

Where a sodium street lighting fixture is installed on a pole with an underground service connection and the Company, at the request of a municipality only, installs or replaces, owns and maintains a portion or all of the facilities required for service, the following charges shall apply to each installation as appropriate.

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a. Fiberglass Poles with Shoebox Sodium Fixtures:

<u>Nominal Rating</u>			<u>Basic Annual Charge</u>		
	<u>Lumens</u>	<u>Watts</u>	<u>Luminaire Charge</u>	<u>Transmission Charge</u>	
(i)	5,800	70	\$200.35	\$1.44	\$220.07
(i)	16,000	150	213.65	3.00	
(i)	27,500	250	233.08	5.16	233.68
(i)	27,500	250	253.69	6.89	3.98
(ii)	5,800	70	\$102.09	\$112.60	
(ii)	16,000	150	102.09		
(ii)	27,500	250	102.09	112.60	
(ii)	27,500	250	112.60		
(iii)	5,800	70	\$302.35	\$1.44	\$332.67
(iii)	16,000	150	315.65	3.00	
(iii)	27,500	250	335.08	5.16	346.28
(iii)	27,500	250	366.29	6.89	3.98

STREET LIGHTING SERVICE (continued)**Delivery Services: (continued)**

B. Special Provisions (continued)

4. URD Street Lighting Service (continued)

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Annual charge (i) above will apply to above ground facilities consisting of the fiberglass pole and the shoebox sodium fixture.

Annual charge (ii) above will apply to below ground facilities consisting of the underground service connection.

Annual charge (iii) above will apply to the complete installation of the above and below ground facilities.

b. Wood Poles:

<u>Annual Charge</u>				
<u>(i)</u>	<u>(ii)</u>	<u>(iii)</u>		
\$73.44	\$102.12	\$175.56	\$81.02	\$112.60
\$193.62				

Annual charge (i) above will apply to above ground facilities consisting of the wood pole.

Annual charge (ii) above will apply to below ground facilities consisting of the underground service connection.

Annual charge (iii) above will apply to the complete installation of the above and below ground facilities.

C. Transition Charge: 2.7241.985 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

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OUTDOOR LIGHTING

RATE S-1

AREA LIGHTING AND FLOODLIGHTING SERVICE

Delivery Services:

A. Area Lighting

	<u>Nominal Rating</u>		<u>Basic Annual Charge</u>	
	<u>Lumens</u>	<u>Watts</u>		
			<u>Luminaire Charge</u>	<u>Transmission Charge</u>
Mercury Vapor	4,200	100	\$73.80	\$2.28
	8,600	175	83.11	3.72
	12,100	250	96.62	5.16
	22,500	400	119.69	8.04
	63,000	1,000	222.95	19.32
Sodium Vapor	4,000	50	\$60.51	1.08
	5,800	70	63.67	1.44
	9,500	100	67.98	2.04
	16,000	150	74.81	3.00
	27,500	250	95.32	5.16
	50,000	400	119.64	8.28
Sodium Vapor Cut-offs	4,000	50	\$60.99	1.08
	5,800	70	68.59	1.44
	9,500	100	67.98	2.04
	16,000	150	74.81	3.00
	27,500	250	95.32	5.16
	50,000	400	119.64	8.28

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B. Floodlighting

Sodium Vapor	16,000	150	\$89.54	\$3.24	
	27,500	250	110.11	5.28	
	50,000	400	130.07	7.80	\$2.96
	8,600	175	89.27	4.88	
	12,100	250	103.27	6.80	
	22,500	400	126.89	10.71	
	63,000	1,000	233.38	25.64	
Sodium Vapor	4,000	50	\$66.06	1.36	
	5,800	70	69.34	1.94	
	9,500	100	73.67	2.73	
	16,000	150	80.56	3.98	
	27,500	250	101.76	6.89	
	50,000	400	126.60	10.96	
Sodium Vapor Cut-offs	4,000	50	\$66.66	1.36	
	5,800	70	74.70	1.94	
	9,500	100	73.67	2.73	
	16,000	150	80.56	3.98	
	27,500	250	101.76	6.89	
	50,000	400	126.60	10.96	

B. Floodlighting

Sodium Vapor	16,000	150	\$96.80	\$4.27
	27,500	250	118.12	6.98
	50,000	400	138.42	10.48

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Metal Halide	36,000	400	\$137.52	10.23
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AREA LIGHTING AND FLOODLIGHTING SERVICE (continued)

C. Pole Charge for Area Lighting or Floodlighting

- a. Basic annual charges for separate wood poles used to support only lighting units are set forth below:

	<u>Basic Annual Charges</u>		
	<u>30ft</u>	<u>35ft</u>	<u>40ft</u>
Poles installed before January 1, 1996	\$49.44	\$49.44	\$49.44
Poles installed after January 1, 1996	\$91.15	\$94.72	\$102.47

- b. The basic annual charge for providing a section of secondary wire not to exceed 150 feet for connecting lighting units to a wood pole for both Company and Customer owned and installed poles is \$53.62.

D. Transition Charge: 1.985 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

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RATE S-1

RATE ADJUSTMENTS

The charges for the delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

GENERAL CONDITIONS

- A. Service under this rate is contingent upon Company-ownership and maintenance of outdoor lighting facilities. The Company shall specify standard outdoor lighting equipment to be utilized for providing service hereunder.
- B. All outdoor lighting installations under this rate shall be subject to the Company's approval in all respects, including the size, location, spacing and type of luminaire to be provided. The Company may refuse service hereunder for any installation which does not conform to good lighting practices in the sole opinion of the Company. By its approval or acceptance of any outdoor lighting installation, the Company does not give any warranty, expressed or implied, as to the adequacy, safety or other characteristics of said installation.
- C. The Company may require that Customers who terminate service or request temporary service, or the removal of outdoor lighting units without replacement or changes in the sizes, types or locations of outdoor lighting units pay to the Company the undepreciated costs less salvage value, if any, of the equipment which is taken out of service, removed without replacement, relocated or substantially altered by the Company. However, all incandescent lighting units shall be exempt from this provision.

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- D. The total number of new installations, replacements or relocations of street lighting units in any annual period may be limited by the Company to not more than 10% of the total number of units billed to the Customer at the beginning of such annual period.
- E. The Company will maintain all wires, lamps and other equipment owned by it. The Customer will notify the Company of any failure of lights to operate properly and the Company will complete the necessary repair or replacement within 3 regular working days, with no reduction in charges for such inoperative periods. Lamp replacement and maintenance shall be performed by the Company during normal working hours.
- F. Outdoor lighting units furnished under this rate schedule shall be subject to all applicable charges hereunder, except that, in the event any street lighting unit is not lighted for a period exceeding 3 nights duration for any reason whatsoever, such unit shall not be subject to the rates herein for the period during which it is unlighted, as determined by the Company
- G. Where the costs of underground connected street lighting facilities provided at the request of a Customer pursuant to this rate schedule exceed the costs of such facilities which are supported by the applicable annual charges included in this rate schedule, the Customer shall pay to the Company the excess costs of such facilities.

GENERAL CONDITIONS (continued)

- H. Area lighting and floodlighting fixtures will be installed on standard poles owned either by the Company or the Customer located not more than one distribution span length from the nearest pole on the public way. Poles shall be accessible to trucks and other equipment of the Company at all times. Service may be furnished at other locations subject to appropriate additional charges, at the option of the Company.
- I. Where temporary service is desired, the Customer shall reimburse the Company for its costs of installing and removing outdoor lighting facilities.

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OUTDOOR LIGHTING

RATE S-1

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Annual charges will be prorated monthly. Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 12 months and shall continue thereafter until canceled on 30 days' written notice except that temporary service may be canceled at any time upon 10 days' written notice.

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STREET LIGHTING - CUSTOMER OWNED

RATE S-2

AVAILABILITY

Upon written application and the execution of a Customer Owned Street Lighting Agreement with the Company and pole attachment License Agreement with the Company and any joint owner(s) of poles, Streetlighting Service is available under this rate schedule for streetlighting installations owned by any city, town or other public authority. Streetlighting Service is provided hereunder for approximately 4,000 hours of operation per year for the lighting of streets, highways and other roadways which have been deemed as public ways by the municipality. Service under this rate is further subject to the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time. Maintenance service provided by the Company pursuant to this rate shall be available only to Customers taking maintenance service under this rate as of April 1, 2003, or Customers that have requested maintenance service in writing from the Company prior to April 1, 2003.

STREET LIGHTING SERVICE

Delivery Services:

- A. Basic annual charges for overhead connected lighting units on poles carrying other electric power circuits:

1. Standard Fixtures

	<u>Nominal Rating</u>		<u>Basic Annual Charges</u>	
	<u>Lumens</u>	<u>Watts</u>	<u>Luminaire Charge</u>	<u>Transmission Charge</u>
Mercury Vapor \$2.96	4,200	100	\$ 25.20	\$2.2826.79
	8,600	175	35.59	3.72
	12,100	250	46.46	5.1637.49
	4.88		12,100	250 48.78
	6.80			

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STREET LIGHTING - CUSTOMER OWNED

RATE S-2

	22,500	400	67.37	8.04	
	63,000	1,000	149.51	19.32	70.54
10.71					
	63,000	1,000	155.81	25.64	
High Pressure Sodium	4,000	50	16.71	1.08	
	5,800	70	19.39	1.44	17.99
1.36				5,800	70 20.74
1.94					
	9,500	100	24.30	2.04	
	16,000	150	31.13	3.00	
	27,500	250	46.72	5.16	
50,000	400	68.88	8.28	25.77	2.73
	16,000	150	32.84	3.98	
	27,500	250	49.07	6.89	
	50,000	400	72.07	10.96	

STREET LIGHTING RATE (continued)

Incandescent	1,000	105	22.04	1.80	
	2,500	202	33.70	3.48	
	6,000	448	64.69	7.56	
	10,000	620	85.83	10.56	23.44
2.37					
	2,500	202	35.59	4.56	
	6,000	448	67.79	10.12	
	10,000	620	89.62	14.00	

2. For other streetlighting fixtures approved by the Company the following rates shall apply:

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STREET LIGHTING - CUSTOMER OWNED

RATE S-2

Customer Charge: \$9.00 per fixture per year

Distribution Charge: 3.098 cents per kilowatt-hour

Transmission Charge: 0.4250.565 cents per kilowatt-hour

The Energy Charges per month shall be based on the monthly burning hour schedule and the consumption rating for the individual sizes and types of lighting units as determined by the Company.

Other Charges:

Additional charges shall be added to the charges in section A.1. and A.2. above where overhead and underground connected poles are used only for street lighting purposes. Such charges shall be equal to the charges for this service as set forth in the Company's filed Outdoor Lighting Rate S-1 as in effect from time to time.

3. **Transition Charge:** 2.7241.985 cents per kilowatt-hour

Supplier Services: (Optional)

Standard Offer: As in effect per Tariff

Default Service: As in effect per Tariff

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STREET LIGHTING - CUSTOMER OWNED

RATE S-2

STREET LIGHTING SERVICE (continued)

B. In addition to the charges in section A above, the following rates shall apply for services rendered by the Company at the Customer's request.

1. Installation or Removal Charge

~~\$97.80~~\$107.83 per fixture each time a fixture is installed or removed.

2. Relocation Charge

~~\$195.46~~\$215.67 per fixture each time a fixture is relocated.

3. Transfer Charge

~~\$40.56~~\$44.68 per fixture each time a fixture is transferred to a new pole because of the replacement of an existing pole due to damage or accident.

4. Maintenance Charge

The following rates shall apply for maintenance service provided by the Company for Customers who have elected to receive such service in accordance with the Customer Owned Street Lighting Agreement. Such maintenance service shall be available only for lighting units listed under section A.1. of this rate schedule.

Annual Charge

Mercury Vapor (all sizes)

\$ 16,798.46

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STREET LIGHTING - CUSTOMER OWNED

RATE S-2

High Pressure Sodium Vapor (all sizes)	\$ 13,564.89
Incandescent (all sizes)	\$ 144,22.73

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following:

Transition Cost Adjustment
Transmission Service Cost Adjustment
Pension Adjustment
Energy Efficiency Charge
Renewable Energy Charge
Default Service Adjustment

GENERAL CONDITIONS

- A. The Customer agrees to pay when due all charges and fees which the Company may, from time to time, be entitled to pursuant to the provisions of the pole attachment License Agreement and the Street Lighting Agreement .
- B. The Company will be solely responsible for the installation, removal, relocation and transfer of all Customer owned streetlighting fixtures. The Customer shall make any request to the Company for the installation, removal, and relocation of streetlighting fixtures in writing on an approved form for acceptance by the Company. By its approval or acceptance of any streetlighting installation, the Company does not give any warranty, expressed or implied, as to the adequacy, safety or other characteristics of said installation.

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RATE S-2

- C. All streetlighting facilities provided by the Customer for installation on the Company's system shall be free from all defects and shall in no way jeopardize the Company's electric distribution system. The Company may refuse to allow the placement of any streetlighting facilities which, in the Company's sole reasonable opinion, are not so free from defects or that might so jeopardize said system.
- D. The total number of new installations, replacements or relocations of streetlighting units in any annual period may be limited by the Company to not more than 10% of the total number of units billed to the Customer at the beginning of such annual period.
- E. Where the Customer has elected prior to April 1, 2003 to receive maintenance service provided by the Company, the Company will maintain all wires, lamps, fixtures and other equipment. The Customer will notify the Company of any failure of lights to operate properly and the Company will complete the necessary repair or replacement within 3 regular working days, with no reduction in charges for such inoperative periods. Lamp replacement and maintenance shall be performed by the Company during normal working hours.

GENERAL CONDITIONS (continued)

- F. Where the Customer has elected prior to April 1, 2003 to receive maintenance service provided by the Company, and where any street lighting unit is not lighted for a period exceeding 3 nights duration, such unit shall not be subject to the rates herein for the period during which it is unlighted, as determined by the Company.
- G. Where the Customer has elected to provide its own maintenance of streetlighting facilities, such maintenance is expressly limited to the replacement of the lamp, photo-cell control, and starter aid, and to the cleaning of the reflector and refractor, and other minor incidental work specifically limited to the lighting fixture itself. All allowed activities shall be performed using bucket trucks, without climbing on poles and at a working height not to exceed the height of the applicable streetlighting facility.

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STREET LIGHTING - CUSTOMER OWNED

RATE S-2

- H. The Customer shall be responsible for specifying the type and size (wattage/lumen rating) of lighting fixtures served under Section B of the rate schedule.

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Annual Charges will be prorated monthly. Charges are net and are payable upon presentation of the Company's bill.

TERM

Service under this rate shall be for a minimum term of 12 months and shall continue thereafter until cancelled on 30 days' written notice except that temporary service may be cancelled at any time upon 10 days' written notice.

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COMMONWEALTH ELECTRIC COMPANY**

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**NSTAR ELECTRIC
COMMONWEALTH ELECTRIC COMPANY**

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DEFAULT SERVICE ADJUSTMENT

The prices for Retail Delivery Service contained in all the rates of the Company are subject to adjustments to reflect the power purchase costs incurred by the Company in arranging Default Service, which costs are not recovered from Customers through the Default Service rate charged to Default Service Customers.

On a annual basis, the Company shall reconcile its total cost of purchased power for default service supply against its total default service revenue, and the excess or deficiency shall be refunded to, or collected from, Customers on a per kilowatt-hour basis over the following twelve (12) months, with interest. Such a per kWh charge or credit is referred to as the Default Service Adjustment Factor. For purposes of the above reconciliation, total purchased power revenues shall mean all revenues collected from Default Service Customers through the Default Service rate for the applicable twelve (12) month reconciliation period together with payments or credits from suppliers. If there is a positive or negative balance in the then current Default Service Adjustment account outstanding from the prior period, the balance shall be credited against or added to the new reconciliation amount, as appropriate, in establishing the Default Service Adjustment Factor for the new reconciliation period.

The rate for the Default Service Cost Adjustment Factor, effective January 1, 2002,2004, shall be equal to ~~\$0.0000~~\$0.00440 per kilowatt-hour.

The calculation of the Default Service Adjustment Factor shall be subject to the review and approval of the Department of Telecommunications and Energy.

This provision is applicable to all Retail Delivery Service rates of the Company.

**Issued by: Thomas J. May
President**

**Filed: January 31, 2003
Effective: March 1, 2003**

**Issued by: Thomas J. May
President**

**Filed: December 3, 2003
Effective: January 1, 2004**

COMMONWEALTH ELECTRIC COMPANY									
SUMMARY OF PROPOSED REVENUES									
RETAIL CHOICE RATES - YEAR 2004									
Rate Schedule	Base Revenue Pre-RAD	Inflation Adjusted Base Revenues on 01-Jan-04	Proposed Revenues on 01-Jan-04	% Change	Base \$/kWh	Proposed \$/kWh	Transition Rate Adj \$/kWh		
R-1	\$ 195,637,566	\$ 228,543,805	\$ 194,258,689	-15.0%	16.493	14.018	0.002		
R-1S	21,541,057	25,164,263	21,358,972	-15.1%	19.100	16.212	0.002		
R-2	10,862,595	12,689,683	10,785,447	-15.0%	12.933	10.992	0.001		
R-2S	49,372	57,677	49,068	-14.9%	13.733	11.883	0.001		
R-3	32,601,485	38,085,055	32,371,356	-15.0%	14.575	12.388	0.001		
R-4	2,159,811	2,523,091	2,144,515	-15.0%	11.609	9.867	-0.001		
R-5	2,592,603	3,028,679	2,573,160	-15.0%	13.470	11.444	0.002		
R-6	83,708	97,788	83,119	-15.0%	14.587	12.399	-0.090		
G-1	116,509,735	136,106,673	115,686,562	-15.0%	13.734	11.674	0.003		
G-1S	6,064,405	7,084,438	6,021,723	-15.0%	17.418	14.805	0.003		
G-2	55,083,150	64,348,135	54,689,026	-15.0%	11.887	10.103	0.010		
G-3	37,749,408	44,098,858	37,449,342	-15.1%	10.803	9.174	-0.008		
G-4	406,369	474,720	403,573	-15.0%	13.623	11.581	0.005		
G-5	2,380,382	2,780,762	2,363,595	-15.0%	14.389	12.230	0.000		
G-6	900,551	1,052,024	894,219	-15.0%	11.328	9.629	0.000		
G-7	803,479	938,624	797,727	-15.0%	14.068	11.956	0.042		
S-1,S-2	4,086,689	4,774,070	4,064,203	-14.9%	22.345	19.023	-0.042		
CONT.	1,834,953	2,143,592	2,085,758	-2.7%	10.492	10.209	0.611		
Total Retail	\$ 491,347,319	\$ 573,991,938	\$ 488,080,054	-15.0%	14.407	12.251			
Total w/ Cont.	\$ 489,512,366	\$ 571,848,346	\$ 485,994,296	-15.0%	14.428	12.262			
Global Variables									
BASELINE									
Fuel Charge			\$ 0.06500 /kWh						
PROPOSED									
Distribution			\$ 0.03635		TARGET				
Pension Adj. Factor			\$ 0.00076		\$ 0.00076				
Transmission			\$ 0.00683 /kWh		\$ 0.00683				
Transition			\$ 0.02027 /kWh		\$ 0.02027				
Transition Rate Adj			\$ 0.00005		\$ 0.00005				
Standard Offer			\$ 0.05100 /kWh		\$ 0.05100				
Default Service Adjustment			\$ 0.00440 /kWh		\$ 0.00440				
Energy Efficiency			\$ 0.00250 /kWh		\$ 0.00250				
Renewables			\$ 0.00050 /kWh		\$ 0.00050				
			\$ 0.12266		\$ 0.12266				
			85.0%		85.0%				
Inflation Factor (1)			16.8%	31-Aug-97	30-Jun-04				
			1.605		1.875				
Note: (1)	Inflation factor is based upon data for Consumer Price Index (All Urban) from the Bureau of Labor Statistics projected through June 30, 2004.								

COMMONWEALTH ELECTRIC COMPANY												
DETAIL OF REVENUES BY UNBUNDLED COMPONENTS												
RETAIL CHOICE RATES - YEAR 2004												
Rate Schedule	Proposed Revenues (1)	Distribution Revenues (2)	Pension Adj. Revenues (3)	Transmission Revenues (4)	Transition Revenues (5)	Transition Rate Adj (6)	Def Serv Adj Revenues (7)	Standard Offer Revenues (8)	DSM Revenues (9)	Renewables Revenues (10)	KWH (11)	
R-1	\$ 194,258,689	\$ 74,322,775	\$ 1,053,161	\$ 9,834,711	\$ 28,088,901	\$ 32,067	\$ 6,097,245	\$ 70,672,616	\$ 3,484,344	\$ 692,869	1,385,737,571	
R-1S	11,358,972	9,829,201	98,558	1,120,773	2,628,957	3,001	570,601	6,719,134	324,205	64,841	131,747,723	
R-2	20,785,447	2,294,258	74,571	696,363	1,988,882	1,193	431,726	5,004,095	245,299	49,080	98,119,510	
R-2S	49,068	12,142	319	3,551	8,513	3	1,848	21,420	1,050	210	419,995	
R-3	32,371,356	9,927,232	199,597	1,690,040	5,296,796	(1,934)	1,149,773	13,326,916	663,280	130,656	261,312,088	
R-4	2,144,515	277,233	16,517	140,561	440,536	435	95,627	1,108,404	54,334	10,867	21,733,418	
R-5	2,573,160	664,920	16,987	146,267	453,074	(20,203)	98,349	1,146,710	55,880	11,176	22,484,520	
R-6	63,119	25,517	509	4,336	13,589	18	2,950	34,189	1,676	335	670,382	
G-1	115,686,562	29,810,053	753,052	7,145,633	20,084,684	26,435	4,360,394	50,533,738	2,477,144	495,429	990,998,534	
G-1S	6,021,723	2,415,800	30,912	375,256	824,158	1,085	178,967	2,073,610	101,611	20,322	40,674,228	
G-2	54,689,026	8,161,041	410,349	3,513,648	10,972,641	51,763	2,381,826	27,577,961	1,349,831	269,966	541,324,157	
G-3	37,449,342	2,988,302	299,999	2,518,694	8,211,835	(31,193)	1,736,836	20,540,662	986,839	197,368	408,215,613	
G-4	403,573	87,962	2,644	38,839	70,635	3	15,333	177,721	8,697	1,739	3,484,720	
G-5	2,363,595	690,589	14,688	137,896	391,737	50	85,034	985,624	48,315	9,663	19,325,958	
G-6	894,219	101,691	7,058	54,884	188,240	8	40,861	473,618	23,217	4,643	9,286,622	
G-7	797,727	222,874	5,071	42,092	135,245	2,790	29,358	340,281	16,680	3,336	6,672,184	
S-1-S-2	4,084,203	2,255,488	16,238	120,652	433,071	(8,970)	94,007	1,089,622	53,413	10,683	21,365,140	
CONT.	2,085,758	211,042	15,527	128,000	413,214	124,869	89,892	1,041,925	51,075	10,215	20,429,900	
Total Retail	488,080,054	144,298,120	3,014,757	27,712,198	80,644,408	181,420	17,460,625	202,868,246	9,916,890	1,983,378	3,984,002,262	
Total wo Cont.	485,994,296	144,087,078	2,999,230	27,584,198	80,231,194	56,551	17,370,734	201,826,321	9,865,815	1,973,163	3,963,572,362	
Notes:												
(1)	Total revenues based on August 1997 undiscounted rates and 2000 billing determinants.											
(2)	Inflation factor is based upon data for Consumer Price Index (All Urban) from Bureau of Labor statistics projected through June 30, 2004.											
(3)	Total proposed revenues Col (1) = Total of Cols. (2) to (8)											

COMMONWEALTH ELECTRIC COMPANY											
DETAIL UNIT REVENUES BY UNBUNDLED COMPONENTS											
RETAIL CHOICE RATES - YEAR 2004											
Rate Schedule	Proposed Revenues (1)	Distribution Revenues (2)	Pension Adj. Revenues (3)	Transmission Revenues (4)	Transition Revenues (5)	Transition Rate Adj (6)	Def Serv Adj Revenues (7)	Standard Offer Revenues (8)	DSM Revenues (9)	Renewables Revenues (10)	KWH (11)
R-1	14,018	5,363	0,076	0,710	2,027	0,002	0,440	5,100	0,250	0,050	1,385,737,571
R-1S	16,212	7,461	0,075	0,851	1,995	0,002	0,433	5,100	0,246	0,049	1,317,477,23
R-2	10,992	2,338	0,076	0,710	2,027	0,001	0,440	5,100	0,250	0,050	98,119,510
R-2S	11,683	2,891	0,076	0,846	2,027	0,001	0,440	5,100	0,250	0,050	419,995
R-3	12,388	3,799	0,076	0,647	2,027	-0,001	0,440	5,100	0,250	0,050	261,312,088
R-4	9,867	1,276	0,076	0,647	2,027	0,002	0,440	5,100	0,250	0,050	21,733,418
R-5	11,444	2,957	0,076	0,651	2,015	-0,090	0,437	5,100	0,249	0,050	22,484,520
R-6	12,399	3,806	0,076	0,647	2,027	0,003	0,440	5,100	0,250	0,050	670,382
G-1	11,674	3,008	0,076	0,721	2,027	0,003	0,440	5,099	0,250	0,050	990,998,534
G-1S	14,805	5,939	0,076	0,923	2,026	0,003	0,440	5,098	0,250	0,050	40,674,228
G-2	10,103	1,508	0,076	0,649	2,027	0,010	0,440	5,095	0,249	0,050	541,324,157
G-3	9,174	0,732	0,073	0,617	2,012	-0,008	0,425	5,032	0,242	0,048	408,215,613
G-4	11,581	2,524	0,076	1,115	2,027	0,000	0,440	5,100	0,250	0,050	3,484,720
G-5	12,230	3,573	0,076	0,714	2,027	0,000	0,440	5,100	0,250	0,050	19,325,958
G-6	9,629	1,095	0,076	0,591	2,027	0,000	0,440	5,100	0,250	0,050	9,286,622
G-7	11,956	3,340	0,076	0,631	2,027	0,042	0,440	5,100	0,250	0,050	6,672,184
S-1,S-2	19,023	10,557	0,076	0,565	2,027	-0,042	0,440	5,100	0,250	0,050	21,365,140
CONT.	10,209	1,033	0,076	0,627	2,023	0,611	0,440	5,100	0,250	0,050	20,429,900
Total	12,251	3,622	0,076	0,696	2,024	0,005	0,438	5,092	0,249	0,050	3,984,002,262
Total wo Cont.	12,262	3,635	0,076	0,696	2,024	0,001	0,438	5,092	0,249	0,050	6,582,266,954

COMMONWEALTH ELECTRIC COMPANY				
DEVELOPMENT OF LOST DISTRIBUTION REVENUE				
RETAIL CHOICE RATES - YEAR 2004				
Rate Schedule	03/01/1998 Distribution Revenues	01/01/2004 Distribution Revenues	Difference 1/1/04-3/1/98	
R-1	\$ 72,216,065	\$ 74,322,775	\$ 2,106,710	
R-1S	9,440,991	9,829,201	388,211	
R-2	2,420,502	2,294,258	(126,243)	
R-2S	12,071	12,142	71	
R-3	9,841,324	9,927,232	85,908	
R-4	321,866	277,233	(44,633)	
R-5	653,021	664,920	11,899	
R-6	24,721	25,517	796	
G-1	30,522,454	29,810,053	(712,401)	
G-1S	2,369,482	2,415,800	46,318	
G-2	9,151,572	8,181,041	(990,531)	
G-3	3,907,146	2,988,302	(918,844)	
G-4	102,710	87,962	(14,749)	
G-5	693,284	690,589	(2,695)	
G-6	120,120	101,691	(18,429)	
G-7	197,146	222,874	25,728	
S-1,S-2	2,088,983	2,255,488	166,505	
CONT.	211,042	211,042	-	
Total Retail	144,294,500	144,298,120	3,620	
	144,083,458	144,087,078	3,620	

COMMONWEALTH ELECTRIC							
WEATHER NORMALIZED - YEAR 2002 BILLING DETERMINANTS							
PRE-RAD RATES REFLECTING 1997 BASE RATES, CC & FC							
UNBUNDLED RATES FOR EFFECT JANUARY 2004							
PRE-RAD RATE R-1/R-2 ANNUAL				UNBUNDLED RATE DESIGN RATE R-1/R-2 ANNUAL			
	UNITS	PRICE	REVENUE		UNITS	PRICE	REVENUE
CUSTOMER CHARGE				CUSTOMER CHARGE			
REGULAR	2,553,699	4.14	10,572,314	REGULAR	2,553,699	4.11	10,495,703
ASSISTANCE	223,274	2.46	549,253	ASSISTANCE (3)	223,274	2.44	544,788
TOTAL	2,776,973		11,121,567	TOTAL	2,776,973		11,040,490
ENERGY CHARGE				DISTRIBUTION CHARGE			
REGULAR	1,385,737,571	0.06772	93,842,148	REGULAR	1,385,737,571	0.04606	63,827,073
ASSISTANCE	98,119,510	0.03928	3,854,134	ASSISTANCE (4)	98,119,510	0.01783	1,749,471
TOTAL	1,483,857,081		97,696,283	TOTAL	1,483,857,081		65,576,543
				PENSION ADJ. FACTOR			
				REGULAR	1,385,737,571	0.00076	1,053,161
				ASSISTANCE	98,119,510	0.00076	74,571
				TOTAL	1,483,857,081		1,127,731
CONSERVATION CHARGE				TRANSMISSION CHARGE			
REGULAR	1,385,737,571	0.00083	1,150,162	REGULAR	1,385,737,571	0.00710	9,834,711
ASSISTANCE	98,119,510	0.00083	81,439	ASSISTANCE	98,119,510	0.00710	696,363
TOTAL	1,483,857,081		1,231,601	TOTAL	1,483,857,081		10,531,075
FUEL CHARGE				TRANSITION ENERGY CHARGE			
REGULAR	1,385,737,571	0.06500	90,072,942	REGULAR	1,385,737,571	0.02027	28,088,901
ASSISTANCE	98,119,510	0.06500	6,377,768	ASSISTANCE (4)	98,119,510	0.02027	1,988,882
TOTAL	1,483,857,081		96,450,710	TOTAL	1,483,857,081		30,077,783
				TRANSITION RATE ADJ			
				REGULAR	1,385,737,571	0.00002	32,067
				ASSISTANCE (4)	98,119,510	0.00001	1,193
				TOTAL	1,483,857,081		33,260
TOTAL CHARGES				DSM CHARGE			
REGULAR			195,637,566	REGULAR	1,385,737,571	0.00250	3,464,344
ASSISTANCE			10,862,595	ASSISTANCE	98,119,510	0.00250	245,299
TOTAL			206,500,161	TOTAL	1,483,857,081		3,709,643
NORMALIZATION				RENEWABLES CHARGE			
ADJUSTMENTS	UNITS('000)			REGULAR	1,385,737,571	0.00050	692,869
REGULAR	0			ASSISTANCE	98,119,510	0.00050	49,060
ASSISTANCE	0			TOTAL	1,483,857,081		741,929
				DEFAULT SERVICE ADJ			
				REGULAR	1,385,737,571	0.00440	6,097,245
				ASSISTANCE	98,119,510	0.00440	431,726
				TOTAL	1,483,857,081		6,528,971
				GENERATION CHARGE			
				REGULAR	1,385,737,571	0.05100	70,672,616
				ASSISTANCE	98,119,510	0.05100	5,004,095
				TOTAL	1,483,857,081		75,676,711
				TOTAL UNBUNDLED CHARGES			
				REGULAR			194,258,689
				LOW INCOME			10,785,447
				TOTAL			205,044,136

COMMONWEALTH ELECTRIC							
WEATHER NORMALIZED - YEAR 2002 BILLING DETERMINANTS							
PRE-RAD RATES REFLECTING 1997 BASE RATES, CC & FC							
UNBUNDLED RATES FOR EFFECT JANUARY 2004							
PRE-RAD RATE R-1/R-2 (1) SEASONAL				UNBUNDLED RATE DESIGN RATE R-1/R-2 SEASONAL			
	UNITS	PRICE	REVENUE		UNITS	PRICE	REVENUE
CUSTOMER CHARGE				CUSTOMER CHARGE			
REGULAR	199,709	4.14	826,795	REGULAR	199,709	4.11	820,803
OPTIONAL REGULAR	283,773	4.14	1,174,819	OPTIONAL REGULAR	283,773	4.11	1,166,305
OPT MIN REGULAR	66,403	12.14	806,132	OPT MIN REGULAR	66,403	12.05	800,156
ASSISTANCE	346	2.46	851	ASSISTANCE (3)	346	2.44	844
OPTIONAL ASSIST	806	2.46	1,983	OPTIONAL ASSIST	806	2.44	1,967
OPT MIN ASSIST	45	7.10	320	OPT MIN ASSIST	45	7.05	317
TOTAL	551,081		2,810,899	TOTAL	551,081		2,790,393
ENERGY CHARGE				DISTRIBUTION CHARGE			
REGULAR	29,098,210	0.11165	3,248,815	REGULAR	29,098,210	0.08279	2,409,041
OPTIONAL REGULAR	100,583,924	0.06772	6,811,543	OPTIONAL REGULAR	100,583,924	0.04606	4,632,896
OPT MIN REGULAR	2,065,588	0.00000	0	OPT MIN REGULAR	2,065,588	0.00000	0
ASSISTANCE	82,668	0.06476	5,354	ASSISTANCE (4)	82,668	0.03625	2,997
OPTIONAL ASSIST	336,478	0.03928	13,217	OPTIONAL ASSIST	337,478	0.01783	6,017
OPT MIN ASSIST	849	0.00000	0	OPT MIN ASSIST	(151)	0.00000	0
TOTAL	132,167,718		10,078,929	TOTAL	132,167,718		7,050,950
				PENSION ADJ. FACTOR			
				REGULAR	129,682,135	0.00076	98,558
				ASSISTANCE	419,995	0.00076	319
				TOTAL	130,102,130		98,878
CONSERVATION CHARGE				TRANSMISSION CHARGE			
REGULAR	29,098,210	0.00083	24,152	REGULAR	29,098,210	0.01398	406,919
OPTIONAL REGULAR	100,583,924	0.00083	83,485	OPTIONAL REGULAR	100,583,924	0.00710	713,854
OPT MIN REGULAR	2,065,588	0.00083	1,714	ASSISTANCE	82,668	0.01398	1,156
ASSISTANCE	82,668	0.00083	69	OPTIONAL ASSIST	337,478	0.00710	2,395
OPTIONAL ASSIST	336,478	0.00083	279	TOTAL	130,102,281		1,124,324
OPT MIN ASSIST	849	0.00083	1	TRANSITION CHARGE			
TOTAL	132,167,718		109,699	REGULAR	29,098,210	0.02027	589,821
FUEL CHARGE				OPTIONAL REGULAR	100,583,924	0.02027	2,038,836
REGULAR	29,098,210	0.06500	1,891,384	ASSISTANCE (4)	82,668	0.02027	1,676
OPTIONAL REGULAR	100,583,924	0.06500	6,537,955	OPTIONAL ASSIST	337,478	0.02027	6,841
OPT MIN REGULAR	2,065,588	0.06500	134,263	TOTAL	130,102,281		2,637,173
ASSISTANCE	82,668	0.06500	5,373	TRANSITION RATE ADJ			
OPTIONAL ASSIST	336,478	0.06500	21,871	REGULAR	29,098,210	0.00002	673
OPT MIN ASSIST	849	0.06500	55	OPTIONAL REGULAR	100,583,924	0.00002	2,328
TOTAL	132,167,718		8,590,902	ASSISTANCE (4)	82,668	0.00001	1
				OPTIONAL ASSIST	337,478	0.00001	3
				TOTAL	130,102,281		3,004
				DSM CHARGE			
				REGULAR	29,098,210	0.00250	72,746
				OPTIONAL REGULAR	100,583,924	0.00250	251,460
				ASSISTANCE	82,668	0.00250	207
				OPTIONAL ASSIST	337,327	0.00250	843
				TOTAL	130,102,130		325,255
TOTAL CHARGES				RENEWABLES CHARGE			
REGULAR			5,991,145	REGULAR	129,682,135	0.00050	64,841
OPTIONAL REGULAR			14,607,802	ASSISTANCE	419,995	0.00050	210
OPT MIN REGULAR			942,110	TOTAL	130,102,130		65,051
ASSISTANCE			11,647	DEFAULT SERVICE ADJ			
OPTIONAL ASSIST			37,350	REGULAR	129,682,135	0.00440	570,601
OPT MIN ASSIST			375	ASSISTANCE	419,995	0.00440	1,848
TOTAL			21,590,429	TOTAL	130,102,130		572,449
				GENERATION CHARGE			
				REGULAR	131,747,723	0.05100	6,719,134
				ASSISTANCE	419,995	0.05100	21,420
				TOTAL	132,167,718		6,740,554
				TOTAL UNBUNDLED CHARGES			
				REGULAR			5,948,707
				OPTIONAL REGULAR			15,410,265
				ASSISTANCE			11,564
				OPTIONAL ASSIST			37,504
				TOTAL			21,408,040

COMMONWEALTH ELECTRIC							
WEATHER NORMALIZED - YEAR 2002 BILLING DETERMINANTS							
PRE-RAD RATES REFLECTING 1997 BASE RATES, CC & FC							
UNBUNDLED RATES FOR EFFECT JANUARY 2004							
PRE-RAD RATE R-3/R-4				UNBUNDLED RATE DESIGN RATE R-3/R-4 ANNUAL			
	UNITS	PRICE	REVENUE		UNITS	PRICE	REVENUE
CUSTOMER CHARGE				CUSTOMER CHARGE			
REGULAR	296,515	11.14	3,303,174	REGULAR	296,515	11.06	3,279,453
ASSISTANCE	22,325	6.52	145,558	ASSISTANCE	22,325	6.47	144,441
TOTAL	318,840		3,448,731	TOTAL	318,840		3,423,894
ENERGY CHARGE				DISTRIBUTION CHARGE			
REGULAR	261,312,088	0.04629	12,096,137	REGULAR	261,312,088	0.02544	6,647,780
ASSISTANCE	21,733,418	0.02685	583,542	ASSISTANCE	21,733,418	0.00611	132,791
TOTAL	283,045,506		12,679,679	TOTAL	283,045,506		6,780,571
				PENSION ADJ. FACTOR			
				REGULAR	261,312,088	0.00076	198,597
				ASSISTANCE	21,733,418	0.00076	16,517
				TOTAL	283,045,506		215,115
CONSERVATION CHARGE				TRANSMISSION CHARGE			
REGULAR	261,312,088	0.00083	216,889	REGULAR	261,312,088	0.00647	1,690,040
ASSISTANCE	21,733,418	0.00083	18,039	ASSISTANCE	21,733,418	0.00647	140,561
TOTAL	283,045,506		234,928	TOTAL	283,045,506		1,830,601
FUEL CHARGE				TRANSITION ENERGY CHARGE			
REGULAR	261,312,088	0.06500	16,985,286	REGULAR	261,312,088	0.02027	5,296,796
ASSISTANCE	21,733,418	0.06500	1,412,672	ASSISTANCE	21,733,418	0.02027	440,536
TOTAL	283,045,506		18,397,958	TOTAL	283,045,506		5,737,332
				TRANSITION RATE ADJ			
				REGULAR	261,312,088	-0.00001	(1,934)
				ASSISTANCE	21,733,418	0.00002	435
				TOTAL	283,045,506		(1,499)
TOTAL CHARGES				DSM CHARGE			
REGULAR			32,601,485	REGULAR	261,312,088	0.00250	653,280
ASSISTANCE			2,159,811	ASSISTANCE	21,733,418	0.00250	54,334
TOTAL			34,761,296	TOTAL	283,045,506		707,614
				RENEWABLES CHARGE			
NORMALIZATION				REGULAR	261,312,088	0.00050	130,656
ADJUSTMENTS	UNITS('000)			ASSISTANCE	21,733,418	0.00050	10,867
REGULAR	0			TOTAL	283,045,506		141,523
ASSISTANCE	0			DEFAULT SERVICE ADJ			
				REGULAR	261,312,088	0.00440	1,149,773
				ASSISTANCE	21,733,418	0.00440	95,627
				TOTAL	283,045,506		1,245,400
				GENERATION CHARGE			
				REGULAR	261,312,088	0.05100	13,326,916
				ASSISTANCE	21,733,418	0.05100	1,108,404
				TOTAL	283,045,506		14,435,321
				TOTAL UNBUNDLED CHARGES			
				REGULAR			32,371,356
				LOW INCOME			2,144,515
				TOTAL			34,515,871

COMMONWEALTH ELECTRIC									
WEATHER NORMALIZED - YEAR 2002 BILLING DETERMINANTS									
PRE-RAD RATES REFLECTING 1997 BASE RATES, CC & FC									
UNBUNDLED RATES FOR EFFECT JANUARY 2004									
PRE-RAD RATE R-5 ANNUAL					UNBUNDLED RATE DESIGN RATE R-5 ANNUAL				
	UNITS	PRICE	REVENUE			UNITS	PRICE	REVENUE	
CUSTOMER CHARGE	107,865	0	0		CUSTOMER CHARGE	107,865	0.00	0	
Minimum Charge	16,779	1.88	31,545		Minimum Charge	16,779	1.87	31,377	
TOTAL	124,644		31,545		TOTAL	124,644		31,377	
ENERGY CHARGE	21,016,094	0.04790	1,006,671		DISTRIBUTION CHARGE	20,985,630	0.02786	584,660	
Minimum Charge	28,168	0.00000	0		Minimum Charge	58,631	0.00000	0	
TOTAL	21,044,262		1,006,671		TOTAL	21,044,262		584,660	
					PENSION ADJ. FACTOR	20,985,630	0.00076	15,949	
CONSERVATION CHARGE	21,044,262	0.00083	17,467		TRANSMISSION CHARGE	20,985,630	0.00654	137,326	
FUEL CHARGE	21,044,262	0.06500	1,367,877		TRANSITION CHARGE	20,985,630	0.02027	425,379	
					TRANSITION RATE ADJ	20,985,630	-0.00090	(18,968)	
TOTAL CHARGES			2,423,559		DSM CHARGE	20,985,630	0.00250	52,464	
NORMALIZATION					RENEWABLES CHARGE	20,985,630	0.00050	10,493	
ADJUSTMENTS UNITS('000)					DEFAULT SERVICE ADJ	20,985,630	0.00440	92,337	
WTR HTG ANNUAL	0				GENERATION CHARGE	21,044,262	0.05100	1,073,257	
					TOTAL UNBUNDLED CHARGES			2,404,273	

COMMONWEALTH ELECTRIC									
WEATHER NORMALIZED - YEAR 2002 BILLING DETERMINANTS									
PRE-RAD RATES REFLECTING 1997 BASE RATES, CC & FC									
UNBUNDLED RATES FOR EFFECT JANUARY 2004									
PRE-RAD RATE R-5 SEASONAL					UNBUNDLED RATE DESIGN RATE R-5 SEASONAL				
	UNITS	PRICE	REVENUE			UNITS	PRICE	REVENUE	
CUSTOMER CHARGE	16,880	0	0		CUSTOMER CHARGE	16,880	0.00	0	
Minimum Bill Sum	1,289	5.69	7,334		Minimum Bill Sum	1,289	5.65	7,283	
Minimum Bill Win	773	1.88	1,453		Minimum Bill Win	773	1.87	1,446	
TOTAL	18,942		8,788		TOTAL	18,942		8,728	
ENERGY CHARGE	1,366,287	0.04790	65,445		DISTRIBUTION CHARGE	1,366,305	0.02939	40,156	
Minimum Charge	73,953	0.00000	0		Minimum Charge	73,953	0.00000	0	
TOTAL	1,440,240		65,445		TOTAL	1,440,258		40,156	
					PENSION ADJ. FACTOR	1,366,305	0.00076	1,038	
CONSERVATION CHARGE	1,440,240	0.00083	1,195		TRANSMISSION CHARGE	1,366,305	0.00654	8,941	
FUEL CHARGE	1,440,240	0.06500	93,616		TRANSITION CHARGE	1,366,305	0.02027	27,695	
					TRANSITION RATE ADJ	1,366,305	-0.00090	(1,235)	
TOTAL CHARGES			169,044		DSM CHARGE	1,366,305	0.00250	3,416	
NORMALIZATION					RENEWABLES CHARGE	1,366,305	0.00050	683	
ADJUSTMENTS UNITS('000)					DEFAULT SERVICE ADJ	1,366,305	0.00440	6,012	
WTR HTG SEAS	0				GENERATION CHARGE	1,440,258	0.05100	73,453	
R-5 SEASONAL MUST BE UPDATED FOR 2002					TOTAL UNBUNDLED CHARGES			168,887	

COMMONWEALTH ELECTRIC									
WEATHER NORMALIZED - YEAR 2002 BILLING DETERMINANTS									
PRE-RAD RATES REFLECTING 1997 BASE RATES, CC & FC									
UNBUNDLED RATES FOR EFFECT JANUARY 2004									
PRE-RAD RATE R-6					UNBUNDLED RATE DESIGN RATE R-6				
	UNITS	PRICE	REVENUE			UNITS	PRICE	REVENUE	
CUSTOMER CHARGE	589	8.14	4,791		CUSTOMER CHARGE	589	8.08	4,756	
ENERGY CHARGE					DISTRIBUTION CHARGE				
PEAK	115,758	0.22279	25,790		PEAK	115,758	0.13455	15,575	
LOW LOAD	554,624	0.01622	8,996		LOW LOAD	554,624	0.00935	5,186	
TOTAL	670,382		34,786		TOTAL	670,382		20,761	
					PENSION ADJ. FACTOR	670,382	0.00076	509	
CONSERVATION CHARGE	670,382	0.00083	556		TRANSMISSION CHARGE				
FUEL CHARGE	670,382	0.06500	43,575		PEAK	115,758	0.00647	749	
					LOW LOAD	554,624	0.00647	3,587	
TOTAL CHARGES			83,708		TOTAL	670,382		4,336	
NORMALIZATION ADJUSTMENTS	UNITS('000)				TRANSITION CHARGE				
PEAK	0				PEAK	115,758	0.08639	10,000	
LOW LOAD	0				LOW LOAD	554,624	0.00647	3,588	
TOTAL	0				TOTAL	670,382	0.02027	13,589	
					TRANSITION RATE ADJ				
					TOTAL	670,382	0.00003	18	
					DSM CHARGE				
					TOTAL	670,382	0.00250	1,676	
					RENEWABLES CHARGE	670,382	0.00050	335	
					DEFAULT SERVICE ADJ	670,382	0.00440	2,950	
					GENERATION CHARGE				
					TOTAL	670,382	0.05100	34,189	
					TOTAL UNBUNDLED CHARGES			83,119	

COMMONWEALTH ELECTRIC									
WEATHER NORMALIZED - YEAR 2002 BILLING DETERMINANTS									
PRE-RAD RATES REFLECTING 1997 BASE RATES, CC & FC									
UNBUNDLED RATES FOR EFFECT JANUARY 2004									
PRE-RAD RATE G-1 - ANNUAL					UNBUNDLED RATE DESIGN RATE G-1 ANNUAL				
	UNITS	PRICE	REVENUE			UNITS	PRICE	REVENUE	
CUSTOMER CHARGE					CUSTOMER CHARGE				
SEC	435,195	6.14	2,672,100		SEC	435,195	6.10	2,654,692	
PRI	164	5.84	958		PRI	164	5.80	951	
TOTAL	435,359		2,673,058		TOTAL	435,359		2,655,643	
DEMAND CHARGE					DISTRIBUTION CHARGE (DEMAND)				
<=10 KW - SEC	1,300,518	0.00	0		<=10 KW - SEC	1,300,518	0.00	0	
<=10 KW - PRI	1,277	0.00	0		<=10 KW - PRI	1,277	0.00	0	
>10KW - SEC	1,861,987	5.40	10,054,730		>10KW - SEC	1,861,987	5.36	9,980,250	
>10KW - PRI	8,015	5.13	41,143		>10KW - PRI	8,015	5.10	40,877	
TOTAL	3,171,797		10,095,873		TOTAL	3,171,797		10,021,127	
ENERGY CHARGE					DISTRIBUTION CHARGE (ENERGY)				
<=2300 KWH - SEC	391,201,092	0.05758	22,525,359		<=2300 KWH - SEC	391,201,092	0.03683	14,407,936	
<=2300 KWH - PRI	289,956	0.05474	15,871		<=2300 KWH - PRI	289,956	0.03501	10,152	
>2300KWH - SEC	596,944,648	0.02505	14,953,463		>2300KWH - SEC	596,944,648	0.00453	2,704,159	
>2300KWH - PRI	2,562,838	0.02381	61,028		>2300KWH - PRI	2,562,838	0.00431	11,036	
TOTAL	990,998,534		37,555,721		TOTAL	990,998,534		17,133,283	
CONSERVATION CHG					PENSION ADJ. FACTOR				
	990,998,534	0.00179	1,773,887		SEC	988,145,740	0.00076	750,991	
					PRI	2,852,794	0.00072	2,061	
					TOTAL	990,998,534		753,052	
FUEL CHARGE					TRANSMISSION CHARGE (ENERGY)				
	990,998,534	0.06500	64,411,196		SEC	988,145,740	0.00721	7,126,076	
TOTAL CHARGES			116,509,735		PRI	2,852,794	0.00686	19,557	
					TOTAL	990,998,534		7,145,633	
NORMALIZATION ADJUSTMENTS					TRANSITION CHARGE				
ADJUSTMENTS	UNITS('000)				SEC	988,145,740	0.02027	20,029,714	
SECONDARY	0				PRI	2,852,794	0.01927	54,970	
PRIMARY	0				TOTAL	990,998,534		20,084,684	
TOTAL	0								
					TRANSITION RATE ADJ				
					SEC	988,145,740	0.00003	26,363	
					PRI	2,852,794	0.00003	72	
					TOTAL	990,998,534		26,435	
					DSM CHARGE				
					SEC	988,145,740	0.00250	2,470,364	
					PRI	2,852,794	0.00238	6,780	
					TOTAL	990,998,534		2,477,144	
					RENEWABLES CHARGE				
					SEC	988,145,740	0.00050	494,073	
					PRI	2,852,794	0.00048	1,356	
					TOTAL	990,998,534		495,429	
					DEFAULT SERVICE ADJ				
					<=2300 KWH - SEC	391,201,092	0.0044	1,721,285	
					<=2300 KWH - PRI	289,956	0.00440	1,276	
					>2300KWH - SEC	596,944,648	0.0044	2,626,556	
					>2300KWH - PRI	2,562,838	0.00440	11,276	
					TOTAL	990,998,534		4,360,394	
					GENERATION CHARGE				
					<=2300 KWH - SEC	391,201,092	0.05100	19,951,256	
					<=2300 KWH - PRI	289,956	0.04848	14,057	
					>2300KWH - SEC	596,944,648	0.05100	30,444,177	
					>2300KWH - PRI	2,562,838	0.04848	124,248	
					TOTAL	990,998,534		50,533,738	
					TOTAL CHARGES			115,686,562	

COMMONWEALTH ELECTRIC							
WEATHER NORMALIZED - YEAR 2002 BILLING DETERMINANTS							
PRE-RAD RATES REFLECTING 1997 BASE RATES, CC & FC							
UNBUNDLED RATES FOR EFFECT JANUARY 2004							
PRE-RAD RATE G-1 (1) - SEASONAL				UNBUNDLED RATE DESIGN RATE G-1-SEASONAL			
	UNITS	PRICE	REVENUE		UNITS	PRICE	REVENUE
CUSTOMER CHARGE				CUSTOMER CHARGE			
SEC	38,178	6.14	234,413	SEC	38,178	6.10	232,886
PRI	12	5.84	70	PRI	12	5.80	70
TOTAL	38,190		234,483	TOTAL	38,190		232,955
DEMAND CHARGE				DISTRIBUTION CHARGE (DEMAND)			
<10 KW	70,884	0.00	0	<=10 KW	70,884	0.00	0
OPTIONAL SEC	710	0.00	0	OPTIONAL SEC	710	0.00	0
OPTIONAL PRI	72	0.00	0	OPTIONAL PRI	72	0.00	0
>10KW	91,149	4.79	436,604	>10KW	91,149	4.76	433,869
OPTIONAL SEC	4,605	5.40	24,867	OPTIONAL SEC	4,605	5.36	24,683
OPTIONAL PRI	135	5.13	693	OPTIONAL PRI	135	5.10	689
TOTAL	167,555		462,164	TOTAL	167,555		459,241
				PENSION ADJ. FACTOR			
				REGULAR	38,741,083	0.00076	29,443
				OPTIONAL SEC	1,625,273	0.00076	1,235
				OPTIONAL PRI	307,872	0.00076	234
				TOTAL	40,674,228		30,912
ENERGY CHARGE				TRANSMISSION CHARGE (ENERGY)			
<1800 kWh	17,918,477	0.09802	1,756,369	REGULAR	38,741,083	0.00933	361,425
OPTIONAL SEC	148,134	0.05758	8,530	OPTIONAL SEC	1,625,273	0.00721	11,721
OPTIONAL PRI	27,600	0.05474	1,511	OPTIONAL PRI	307,872	0.00686	2,111
>1800 kWh	20,822,606	0.04041	841,442	TOTAL	40,674,228		375,256
OPTIONAL SEC	1,477,139	0.02505	37,002	DISTRIBUTION CHARGE (ENERGY)			
OPTIONAL PRI	280,272	0.02381	6,674	<1800 kWh	17,918,477	0.07487	1,341,556
TOTAL	40,674,228		2,651,527	OPTIONAL SEC	148,134	0.03683	5,456
CONSERVATION CHG	40,674,228	0.00179	72,807	OPTIONAL PRI	27,600	0.03501	966
FUEL CHARGE	40,674,228	0.06500	2,643,425	>1800 kWh	20,822,606	0.01766	367,727
TOTAL CHARGES			6,064,405	OPTIONAL SEC	1,477,139	0.00453	6,691
NORMALIZATION				OPTIONAL PRI	280,272	0.00431	1,207
ADJUSTMENTS	UNITS('000)			TOTAL	40,674,228		1,723,604
SEASONAL	0			TRANSITION CHARGE			
SEASONAL OPT	0			REGULAR	38,741,083	0.02027	785,282
TOTAL	0			OPTIONAL SEC	1,625,273	0.02027	32,944
				OPTIONAL PRI	307,872	0.01927	5,932
				TOTAL	40,674,228		824,158
				TRANSITION RATE ADJ			
				REGULAR	38,741,083	0.00003	1,034
				OPTIONAL SEC	1,625,273	0.00003	43
				OPTIONAL PRI	307,872	0.00003	8
				TOTAL	40,674,228		1,085
				DSM CHARGE			
				REGULAR	38,741,083	0.00250	96,853
				OPTIONAL SEC	1,625,273	0.00250	4,063
				OPTIONAL PRI	307,872	0.00226	696
				TOTAL	40,674,228		101,611
				RENEWABLES CHARGE			
				REGULAR	38,741,083	0.0005	19,371
				OPTIONAL SEC	1,625,273	0.00050	813
				OPTIONAL PRI	307,872	0.00045	139
				TOTAL	40,674,228		20,322
				DEFAULT SERVICE ADJ			
				REGULAR	38,741,083	0.0044	170,461
				OPTIONAL SEC	1,625,273	0.0044	7,151
				OPTIONAL PRI	307,872	0.00440	1,355
				TOTAL	40,674,228	0.0044	178,967
				GENERATION CHARGE			
				<1800 kWh	17,918,477	0.05100	913,842
				OPTIONAL SEC	148,134	0.05100	7,555
				OPTIONAL PRI	27,600	0.04848	1,338
				>1800 kWh	20,822,606	0.05100	1,061,953
				OPTIONAL SEC	1,477,139	0.05100	75,334
				OPTIONAL PRI	280,272	0.04848	13,588
				TOTAL	40,674,228		2,073,610
				TOTAL CHARGES			6,021,725

COMMONWEALTH ELECTRIC									
WEATHER NORMALIZED - YEAR 2002 BILLING DETERMINANTS									
PRE-RAD RATES REFLECTING 1997 BASE RATES, CC & FC									
UNBUNDLED RATES FOR EFFECT JANUARY 2004									
PRE-RAD RATE G-2					UNBUNDLED RATE DESIGN RATE G-2				
	UNITS	PRICE	REVENUE			UNITS	PRICE	REVENUE	
CUSTOMER CHARGE					CUSTOMER CHARGE				
SEC	5,036	400.14	2,015,105		SEC	5,036	397.33	2,000,954	
PRI(M)	236	380.38	89,770		PRI(M)	236	377.70	89,138	
PRI(S)	12	388.14	4,658		PRI(S)	12	385.41	4,625	
TOTAL	5,284		2,109,532		TOTAL	5,284		2,094,716	
DEMAND CHARGE					DISTRIBUTION CHARGE (DEMAND)				
PEAK - SEC	1,366,862	3.11	4,250,941		PEAK - SEC	1,366,862	0.64	874,792	
PEAK - PRI(M)	78,913	2.96	233,296		PEAK - PRI(M)	78,913	0.61	48,009	
PEAK - PRI(S)	4,408	3.02	13,298		PEAK - PRI(S)	4,408	0.62	2,736	
TOTAL	1,450,183		4,497,534		TOTAL	1,450,183		925,538	
ENERGY CHARGE					TRANSITION CHARGE				
PEAK - SEC	135,336,559	0.02728	3,691,981		SEC	512,332,551	0.02027	10,384,981	
PEAK - PRI(M)	7,168,829	0.02593	185,905		PRI(M)	26,897,847	0.02027	545,219	
PEAK - PRI(S)	497,848	0.02646	13,174		PRI(S)	2,093,759	0.02027	42,440	
LOW A - SEC	135,795,141	0.02413	3,276,737		TOTAL	541,324,157		10,972,641	
LOW A - PRI(M)	7,622,533	0.02294	174,845		TRANSMISSION CHARGE (DEMAND)				
LOW A - PRI(S)	476,433	0.02341	11,151		PEAK - SEC	1,366,862	2.42	3,311,770	
LOW B - SEC	241,200,851	0.01827	4,406,740		PEAK - PRI(M)	78,913	2.42	191,198	
LOW B - PRI(M)	12,106,485	0.01737	210,259		PEAK - PRI(S)	4,408	2.42	10,680	
LOW B - PRI(S)	1,119,478	0.01772	19,839		TOTAL	1,450,183		3,513,648	
					TRANSMISSION CHARGE (ENERGY)				
					PEAK - SEC	512,332,551	0.00000	0	
					PEAK - PRI(M)	26,897,847	0.00000	0	
					PEAK - PRI(S)	2,093,759	0.00000	0	
					TOTAL	541,324,157		0	
TOTAL	541,324,157		11,990,631		DISTRIBUTION CHARGE (ENERGY)				
CONSERVATION CHG	541,324,157	0.00247	1,337,071		PEAK - SEC	135,336,559	0.01456	1,970,500	
FUEL CHARGE	541,324,157	0.06500	35,148,381		PEAK - PRI(M)	7,168,829	0.01384	99,222	
TOTAL CHARGES			55,083,150		PEAK - PRI(S)	497,848	0.01412	7,031	
NORMALIZATION					LOW A - SEC	135,795,141	0.01143	1,552,138	
ADJUSTMENTS UNITS('000)					LOW A - PRI(M)	7,622,533	0.01087	82,822	
PEAK	0				LOW A - PRI(S)	476,433	0.01109	5,282	
LOW A	0				LOW B - SEC	241,200,851	0.00561	1,353,137	
LOW B	0				LOW B - PRI(M)	12,106,485	0.00533	64,562	
TOTAL	0				LOW B - PRI(S)	1,119,478	0.00544	6,092	
					TOTAL	541,324,157		5,140,787	
					PENSION ADJ. FACTOR				
					SEC	512,332,551	0.00076	389,373	
					PRI(M)	26,897,847	0.00072	19,433	
					PRI(S)	2,093,759	0.00074	1,544	
					TOTAL	541,324,157		410,349	
					TRANSITION RATE ADJ				
					SEC	512,332,551	0.00010	49,112	
					PRI(M)	26,897,847	0.00009	2,451	
					PRI(S)	2,093,759	0.00010	201	
					TOTAL	541,324,157		51,763	
					DSM CHARGE				
					SEC	512,332,551	0.00250	1,280,831	
					PRI(M)	26,897,847	0.00238	63,923	
					PRI(S)	2,093,759	0.00243	5,077	
					TOTAL	541,324,157		1,349,831	
					RENEWABLES CHARGE				
					SEC	512,332,551	0.00050	256,166	
					PRI(M)	26,897,847	0.00048	12,785	
					PRI(S)	2,093,759	0.00049	1,015	
					TOTAL	541,324,157		269,966	
					DEFAULT SERVICE ADJ				
					SEC	512,332,551	0.0044	2,254,263	
					PRI(M)	26,897,847	0.00440	118,351	
					PRI(S)	2,093,759	0.00440	9,213	
					TOTAL	541,324,157		2,381,826	
					GENERATION CHARGE				
					SEC	512,332,551	0.05100	26,128,960	
					PRI(M)	26,897,847	0.04998	1,344,354	
					PRI(S)	2,093,759	0.04998	104,646	
					TOTAL	541,324,157		27,577,961	
					TOTAL CHARGES			54,689,026	

COMMONWEALTH ELECTRIC							
WEATHER NORMALIZED - YEAR 2002 BILLING DETERMINANTS							
PRE-RAD RATES REFLECTING 1997 BASE RATES, CC & FC							
UNBUNDLED RATES FOR EFFECT JANUARY 2004							
PRE-RAD RATE G-3				UNBUNDLED RATE DESIGN RATE G-3			
	UNITS	PRICE	REVENUE		UNITS	PRICE	REVENUE
CUSTOMER CHARGE				CUSTOMER CHARGE			
SEC	405	1,000.14	405,057	SEC	405	993.11	402,210
PRI	268	950.74	254,799	PRI	268	944.05	253,005
TOTAL	673		659,856	TOTAL	673		655,215
DEMAND CHARGE				DISTRIBUTION CHARGE (DEMAND)			
PEAK - SEC	378,714	5.44	2,060,204	PEAK - SEC	378,714	1.09	412,798
PEAK - PRI	636,599	5.17	3,292,021	PEAK - PRI	636,599	1.04	659,615
TOTAL	1,015,313		5,352,226	TOTAL	1,015,313		1,072,413
ENERGY CHARGE				TRANSITION CHARGE (DEMAND)			
PEAK - SEC	27,741,871	0.01683	466,896	PEAK - SEC	378,714	1.86	704,408
PEAK - PRI	67,996,499	0.01600	1,087,849	PEAK - PRI	636,599	1.77	1,125,581
LOW A - SEC	41,297,105	0.01368	564,944	TOTAL	1,015,313		1,829,989
LOW A - PRI	70,107,183	0.01300	911,688	TRANSITION CHARGE			
LOW B - SEC	66,299,612	0.00781	517,800	PEAK - SEC	27,741,871	0.01723	477,992
LOW B - PRI	134,773,343	0.00742	1,000,582	PEAK - PRI	67,996,499	0.01638	1,113,704
TOTAL	408,215,613		4,549,759	LOW A - SEC	41,297,105	0.01637	676,034
CONSERVATION CHG	408,215,613	0.00247	1,008,293	LOW A - PRI	70,107,183	0.01556	1,090,960
FUEL CHARGE	408,215,613	0.06500	26,179,275	LOW B - SEC	66,299,612	0.01555	1,030,959
TOTAL CHARGES			37,749,408	LOW B - PRI	134,773,343	0.01478	1,992,197
NORMALIZATION				TOTAL	408,215,613		6,381,846
ADJUSTMENTS	UNITS('000)			TRANSMISSION CHARGE (DEMAND)			
PEAK	0			PEAK - SEC	378,714	2.56	969,508
LOW A	0			PEAK - PRI	636,599	2.43	1,549,187
LOW B	0			TOTAL	1,015,313		2,518,694
TOTAL	0			TRANSMISSION CHARGE (ENERGY)			
				SEC	135,338,588	0.00000	0
				PRI	272,877,025	0.00000	0
				TOTAL	408,215,613		0
				DISTRIBUTION CHARGE (ENERGY)			
				PEAK - SEC	27,741,871	0.0074	205,290
				PEAK - PRI	67,996,499	0.00703	478,317
				LOW A - SEC	41,297,105	0.00513	211,854
				LOW A - PRI	70,107,183	0.00488	341,883
				LOW B - SEC	66,299,612	0.00012	7,956
				LOW B - PRI	134,773,343	0.00011	15,374
				TOTAL	408,215,613		1,260,674
				PENSION ADJ. FACTOR			
				SEC	135,338,588	0.00076	102,857
				PRI	272,877,025	0.00072	197,142
				TOTAL	408,215,613		299,999
				DSM CHARGE			
				SEC	135,338,588	0.00250	338,346
				PRI	272,877,025	0.00238	648,492
				TOTAL	408,215,613		986,839
				RENEWABLES CHARGE			
				SEC	135,338,588	0.00050	67,669
				PRI	272,877,025	0.00048	129,698
				TOTAL	408,215,613		197,368
				TRANSITION RATE ADJ			
				SEC	135,338,588	-0.00008	(10,695)
				PRI	272,877,025	-0.00008	(20,498)
				TOTAL	408,215,613		(31,193)
				DEFAULT SERVICE ADJ			
				SEC	135,338,588	0.0044	595,490
				PRI	272,877,025	0.00418	1,141,346
				TOTAL	408,215,613		1,736,836
				GENERATION CHARGE			
				SEC	135,338,588	0.05100	6,902,268
				PRI	272,877,025	0.04998	13,638,394
				TOTAL	408,215,613	0.00000	20,540,662
				TOTAL CHARGES			37,449,248

COMMONWEALTH ELECTRIC								
WEATHER NORMALIZED - YEAR 2002 BILLING DETERMINANTS								
PRE-RAD RATES REFLECTING 1997 BASE RATES, CC & FC								
UNBUNDLED RATES FOR EFFECT JANUARY 2004								
PRE-RAD RATE G-4				UNBUNDLED RATE DESIGN RATE G-4				
	UNITS	PRICE	REVENUE			UNITS	PRICE	REVENUE
CUSTOMER CHARGE				CUSTOMER CHARGE				
SEC	525	6.14	3,224	SEC	525	6.10	3,203	
PRI	1	5.84	6	PRI	1	5.80	6	
TOTAL	526		3,229	TOTAL	526		3,208	
DEMAND CHARGE				DISTRIBUTION CHARGE (Demand)				
SEC	24,111	2.61	62,930	SEC	24,111	1.45	34,961	
PRI	689	2.48	1,709	PRI	689	1.38	950	
TOTAL	24,800		64,639	TOTAL	24,800		35,911	
ENERGY CHARGE				TRANSMISSION CHARGE (Demand)				
SEC	3,365,360	0.03040	102,307	SEC	24,111	1.14	27,487	
PRI	119,360	0.02890	3,449	PRI	689	1.14	785	
TOTAL	3,484,720		105,756	TOTAL	24,800		28,272	
				TRANSMISSION CHARGE (Energy)				
				SEC	3,365,360	0.00303	10,205	
				PRI	119,360	0.00303	362	
				TOTAL	3,484,720		10,567	
CONSERVATION CHG				DISTRIBUTION CHARGE (Energy)				
	3,484,720	0.00179	6,238	SEC	3,365,360	0.01404	47,250	
FUEL CHARGE				PRI	119,360	0.01335	1,593	
	3,484,720	0.06500	226,507	TOTAL	3,484,720		48,843	
TOTAL CHARGES				PENSION ADJ. FACTOR				
			406,369	SEC	3,365,360	0.00076	2,558	
				PRI	119,360	0.00072	86	
				TOTAL	3,484,720		2,644	
				TRANSITION CHARGE				
NORMALIZATION				SEC	3,365,360	0.02027	68,216	
ADJUSTMENTS	UNITS('000)			PRI	119,360	0.02027	2,419	
TOTAL	0			TOTAL	3,484,720		70,635	
				TRANSITION RATE ADJ				
				SEC	3,365,360	0.00000	3	
				PRI	119,360	0.00000	0	
				TOTAL	3,484,720		3	
				DSM CHARGE				
				SEC	3,365,360	0.00250	8,413	
				PRI	119,360	0.00238	284	
				TOTAL	3,484,720		8,697	
				RENEWABLES CHARGE				
				SEC	3,365,360	0.00050	1,683	
				PRI	119,360	0.00048	57	
				TOTAL	3,484,720		1,739	
				DEFAULT SERVICE ADJ				
				SEC	3,365,360	0.00440	14,808	
				PRI	119,360	0.00440	525	
				TOTAL	3,484,720		15,333	
				GENERATION CHARGE				
				SEC	3,365,360	0.05100	171,633	
				PRI	119,360	0.05100	6,087	
				TOTAL	3,484,720		177,721	
				TOTAL CHARGES				
								403,573

COMMONWEALTH ELECTRIC								
WEATHER NORMALIZED - YEAR 2002 BILLING DETERMINANTS								
PRE-RAD RATES REFLECTING 1997 BASE RATES, CC & FC								
UNBUNDLED RATES FOR EFFECT JANUARY 2004								
PRE-RAD RATE G-5				UNBUNDLED RATE DESIGN RATE G-5				
	<u>UNITS</u>	<u>PRICE</u>	<u>REVENUE</u>		<u>UNITS</u>	<u>PRICE</u>	<u>REVENUE</u>	
<u>CUSTOMER CHARGE</u>	12,788	6.00	76,728	<u>CUSTOMER CHARGE</u>	12,788	5.96	76,216	
<u>ENERGY CHARGE</u>	19,325,958	0.05420	1,047,467	<u>DISTRIBUTION CHARGE</u>	19,325,958	0.03179	614,372	
				<u>PENSION ADJ. FACTOR</u>	19,325,958	0.00076	14,688	
<u>CONSERVATION CHARGE</u>	19,325,958	0.00000	0	<u>TRANSMISSION CHARGE</u>	19,325,958	0.00714	137,896	
<u>FUEL CHARGE</u>	19,325,958	0.06500	1,256,187	<u>TRANSITION CHARGE</u>	19,325,958	0.02027	391,737	
				<u>TRANSITION RATE ADJ</u>	19,325,958	0.00000	50	
<u>TOTAL CHARGES</u>			2,380,382	<u>DSM CHARGE</u>	19,325,958	0.00250	48,315	
NORMALIZATION				<u>RENEWABLES CHARGE</u>	19,325,958	0.00050	9,663	
ADJUSTMENTS	UNITS('000)			<u>DEFAULT SERVICE ADJ</u>	19,325,958	0.00440	85,034	
TOTAL	0			<u>GENERATION CHARGE</u>	19,325,958	0.05100	985,624	
				<u>TOTAL UNBUNDLED CHARGES</u>			2,363,595	

COMMONWEALTH ELECTRIC								
WEATHER NORMALIZED - YEAR 2002 BILLING DETERMINANTS								
PRE-RAD RATES REFLECTING 1997 BASE RATES, CC & FC								
UNBUNDLED RATES FOR EFFECT JANUARY 2004								
PRE-RAD RATE G-6				UNBUNDLED RATE DESIGN RATE G-6				
	UNITS	PRICE	REVENUE			UNITS	PRICE	REVENUE
CUSTOMER CHARGE				CUSTOMER CHARGE				
SEC	118	30.14	3,557	SEC		118	29.93	3,532
PRI	0	28.66	0	PRI		0	28.45	0
TOTAL	118		3,557	TOTAL		118		3,532
ENERGY CHARGE				DISTRIBUTION CHARGE				
SEC	9,286,622	0.02912	270,426	SEC		9,286,622	0.01057	98,160
PRI	0	0.02768	0	PRI		0	0.01052	0
TOTAL	9,286,622		270,426	TOTAL		9,286,622		98,160
				PENSION ADJ. FACTOR				
				SEC		9,286,622	0.00076	7,058
				PRI		0	0.00076	0
				TOTAL		9,286,622		7,058
CONSERVATION CHARGE				TRANSMISSION CHARGE				
	9,286,622	0.00247	22,938	SEC		9,286,622	0.00591	54,884
FUEL CHARGE	9,286,622	0.06500	603,630	PRI		0	0.00591	0
				TOTAL		9,286,622		54,884
TOTAL CHARGES				TRANSITION CHARGE				
NORMALIZATION				SEC		9,286,622	0.02027	188,240
ADJUSTMENTS	UNITS(000)			PRI		0	0.02027	0
TOTAL	0			TOTAL		9,286,622		188,240
				TRANSITION RATE ADJ				
				SEC		9,286,622	0.00000	8
				PRI		0	0.00000	0
				TOTAL		9,286,622		8
				DSM CHARGE				
				SEC		9,286,622	0.00250	23,217
				PRI		0	0.00238	0
				TOTAL		9,286,622		23,217
				RENEWABLES CHARGE				
				SEC		9,286,622	0.00050	4,643
				PRI		0	0.00048	0
				TOTAL		9,286,622		4,643
				DEFAULT SERVICE ADJ				
				SEC		9,286,622	0.0044	40,861
				PRI		0	0.00440	0
				TOTAL		9,286,622		40,861
				GENERATION CHARGE				
				SEC		9,286,622	0.05100	473,618
				PRI		0	0.05100	0
				TOTAL		9,286,622		473,618
				TOTAL UNBUNDLED CHARGES				
								894,219

COMMONWEALTH ELECTRIC							
WEATHER NORMALIZED - YEAR 2002 BILLING DETERMINANTS							
PRE-RAD RATES REFLECTING 1997 BASE RATES, CC & FC							
UNBUNDLED RATES FOR EFFECT JANUARY 2004							
PRE-RAD RATE G-7 ANNUAL				UNBUNDLED RATE DESIGN RATE G-7 ANNUAL			
	UNITS	PRICE	REVENUE		UNITS	PRICE	REVENUE
CUSTOMER CHARGE	1,148	10.14	11,641	CUSTOMER CHARGE	1,148	10.07	11,560
DEMAND CHARGE	18,911	4.98	94,177	DISTRIBUTION DEMAND	18,911	3.04	57,489
ENERGY CHARGE				DISTRIBUTION ENERGY			
PEAK LOAD	1,232,597	0.03371	41,551	PEAK LOAD	1,232,597	0.01995	24,590
LOW LOAD	4,412,795	0.02605	114,953	LOW LOAD	4,412,795	0.01234	54,454
TOTAL	5,645,392		156,504	TOTAL	5,645,392		79,044
				PENSION ADJ. FACTOR			
				TOTAL	5,645,392	0.00076	4,290
CONSERVATION CHG	5,645,392	0.00179	10,105	TRANSMISSION CHARGE(Demand)			
					18,911	1.90	35,931
				TRANSMISSION CHARGE(Energy)			
					5,645,392	0.00000	(22)
FUEL CHARGE	5,645,392	0.06500	366,950	TRANSITION CHARGE			
TOTAL CHARGES			639,377	PEAK LOAD	1,232,597	0.02027	24,985
				LOW LOAD	4,412,795	0.02027	89,447
NORMALIZATION				TOTAL	5,645,392		114,432
ADJUSTMENTS UNITS('000)				TRANSITION RATE ADJ			
PEAK	0			TOTAL	5,645,392	0.00042	2,361
LOW LOAD	0			DSM CHARGE			
TOTAL	0			TOTAL	5,645,392	0.00250	14,113
				RENEWABLES CHARGE	5,645,392	0.00050	2,823
				DEFAULT SERVICE ADJ	5,645,392	0.0044	24,840
				GENERATION CHARGE			
				TOTAL	5,645,392	0.05100	287,915
				TOTAL CHARGES			634,777

COMMONWEALTH ELECTRIC									
WEATHER NORMALIZED - YEAR 2002 BILLING DETERMINANTS									
PRE-RAD RATES REFLECTING 1997 BASE RATES, CC & FC									
UNBUNDLED RATES FOR EFFECT JANUARY 2004									
PRE-RAD RATE G-7 SEASONAL					UNBUNDLED RATE DESIGN RATE G-7 SEASONAL				
	UNITS	PRICE	REVENUE			UNITS	PRICE	REVENUE	
CUSTOMER CHARGE	1,073	10.14	10,880		CUSTOMER CHARGE	1,073	10.07	10,805	
DEMAND CHARGE	7,570	4.30	32,551		DISTRIBUTION DEMAND	7,570	3.46	26,192	
ENERGY CHARGE					DISTRIBUTION ENERGY				
PEAK LOAD	88,252	0.05798	5,117		PEAK LOAD	88,252	0.04399	3,882	
LOW LOAD	938,540	0.05005	46,974		LOW LOAD	938,540	0.03612	33,900	
TOTAL	1,026,792		52,091		TOTAL	1,026,792		37,782	
					PENSION ADJ. FACTOR				
					TOTAL	1,026,792	0.00076	780	
CONSERVATION CHG	1,026,792	0.00179	1,838		TRANSMISSION CHARGE(Demand)				
						7,570	0.81	6,132	
					TRANSMISSION CHARGE(Energy)				
						1,026,792	0.00005	51	
FUEL CHARGE	1,026,792	0.06500	66,741		TRANSITION CHARGE				
TOTAL CHARGES			164,101		PEAK LOAD	88,252	0.02027	1,789	
					LOW LOAD	938,540	0.02027	19,024	
					TOTAL	1,026,792		20,813	
NORMALIZATION					TRANSITION RATE ADJ				
ADJUSTMENTS	UNITS('000)				TOTAL	1,026,792	0.00042	429	
PEAK	0				DSM CHARGE				
LOW LOAD	0				TOTAL	1,026,792	0.00250	2,567	
TOTAL	0				RENEWABLES	1,026,792	0.00050	513	
					DEFAULT SERVICE ADJ	1,026,792	0.0044	4,518	
					GENERATION CHARGE				
					TOTAL	1,026,792	0.05100	52,366	
					TOTAL CHARGES			162,950	

**COMMONWEALTH ELECTRIC COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
CONSOLIDATION SUMMARY OF DELIVERY CHARGES**

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OUTDOOR LIGHTING SERVICE	LUMINAIRE CHARGE (1)	TRANSMISSION CHARGE	TOTAL DELIVERY CHARGE (2)
<u>STREETLIGHTING SERVICE</u>			
INCANDESCENT			
1000L	\$75.55	\$2.37	\$77.93
2500L	\$88.01	\$4.56	\$92.57
6000L	\$120.04	\$10.12	\$130.16
10000L	\$141.36	\$14.00	\$155.36
MERCURY VAPOR			
4200L	\$80.01	\$2.96	\$82.97
8600L	\$89.27	\$4.88	\$94.15
12100L	\$103.27	\$6.80	\$110.07
22500L	\$126.89	\$10.71	\$137.60
63000L	\$233.38	\$25.64	\$259.01
HIGH PRESSURE SODIUM			
4000L	\$66.06	\$1.36	\$67.42
4000L CUT OFF	\$66.66	\$1.36	\$68.02
5800L	\$68.74	\$1.94	\$70.68
5800L CUT OFF	\$74.70	\$1.94	\$76.64
9500L	\$73.67	\$2.73	\$76.40
9500L CUT OFF	\$73.67	\$2.73	\$76.40
16000L	\$80.56	\$3.98	\$84.54
16000L CUT OFF	\$80.56	\$3.98	\$84.54
27500L	\$101.76	\$6.89	\$108.65
27500L CUT OFF	\$101.76	\$6.89	\$108.65
50000L	\$126.60	\$10.96	\$137.56
50000L CUT OFF	\$126.60	\$10.96	\$137.56
<u>URD POST TOP LIGHTING</u>			
CO. INSTALLS			
0-5 FT	\$138.61	\$2.73	\$141.34
5-100 FT	\$146.36	\$2.73	\$149.09
CUST. INSTALLS			
0-5 FT	\$79.04	\$2.73	\$81.77
5-100 FT	\$86.78	\$2.73	\$89.51
<u>5800L SODIUM</u>	\$82.45	\$1.94	\$84.39

**COMMONWEALTH ELECTRIC COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
CONSOLIDATION SUMMARY OF DELIVERY CHARGES**

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OUTDOOR LIGHTING SERVICE	LUMINAIRE CHARGE (1)	TRANSMISSION CHARGE	TOTAL DELIVERY CHARGE (2)
<hr/>			
URD SHOEBOX SODIUM FIXTURE. FIBERGLASS POLE & UNDERG.			
<hr/>			
5800L & POLE	\$220.07	\$1.94	\$222.01
16000L & POLE	\$233.68	\$3.98	\$237.66
27500L & POLE	\$253.69	\$6.89	\$260.58
UG Facilities	\$112.60	\$0.00	\$112.60
5800L & POLE & UNDERG. FACIL.	\$332.67	\$1.94	\$334.61
16000L & POLE & UNDERG. FACIL.	\$346.28	\$3.98	\$350.26
27500L & POLE & UNDERG. FACIL.	\$366.29	\$6.89	\$373.18
WOOD POLE (SHOEBOX)	\$81.02	\$0.00	\$81.02
UNDERGROUND FACIL.	\$112.60	\$0.00	\$112.60
WOOD POLE & UG. FACIL.	\$193.62	\$0.00	\$193.62
STREETLIGHTING ADDITIONAL CHARGES			
<hr/>			
OH METAL POLE pre 1/31/89	\$44.68	\$0.00	\$44.68
OH METAL POLE post 1/31/89	\$170.98	\$0.00	\$170.98
UG METAL POLE pre 1/31/89	\$74.47	\$0.00	\$74.47
UG METAL POLE post 1/31/89	\$283.59	\$0.00	\$283.59
UD METAL POLE post 1/31/89 (WITH CUSTOMER CREDIT .)	\$140.00	\$0.00	\$140.00

**COMMONWEALTH ELECTRIC COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
CONSOLIDATION SUMMARY OF DELIVERY CHARGES**

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OUTDOOR LIGHTING SERVICE	LUMINAIRE CHARGE (1)	TRANSMISSION CHARGE	TOTAL DELIVERY CHARGE (2)
<hr/>			
AREA LIGHTING			
<hr/>			
MERCURY VAPOR			
4200L	\$80.01	\$2.96	\$82.97
8600L	\$89.27	\$4.88	\$94.15
12100L	\$103.27	\$6.80	\$110.07
22500L	\$126.89	\$10.71	\$137.60
63000L	\$233.38	\$25.64	\$259.01
HIGH PRESSURE SODIUM			
4000L	\$66.06	\$1.36	\$67.42
4000L CUT OFF	\$66.66	\$1.36	\$68.02
5800L	\$69.34	\$1.94	\$71.28
5800L CUT OFF	\$74.70	\$1.94	\$76.64
9500L	\$73.67	\$2.73	\$76.40
9500L CUT OFF	\$73.67	\$2.73	\$76.40
16000L	\$80.56	\$3.98	\$84.54
16000L CUT OFF	\$80.56	\$3.98	\$84.54
27500L	\$101.76	\$6.89	\$108.65
27500L CUT OFF	\$101.76	\$6.89	\$108.65
50000L	\$126.60	\$10.96	\$137.56
50000L CUT OFF	\$126.60	\$10.96	\$137.56

**COMMONWEALTH ELECTRIC COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
CONSOLIDATION SUMMARY OF DELIVERY CHARGES**

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OUTDOOR LIGHTING SERVICE	LUMINAIRE CHARGE (1)	TRANSMISSION CHARGE	TOTAL DELIVERY CHARGE (2)
<hr/>			
FLOODLIGHTING			
<hr/>			
HIGH PRESSURE SODIUM FLOODS			
16000L	\$96.80	\$4.27	\$101.07
27500L	\$118.12	\$6.98	\$125.10
50000L	\$138.42	\$10.48	\$148.90
METAL HALIDE			
36000L	\$137.52	\$10.23	\$147.75
AREA LIGHTING ADDITIONAL CHARGES			
WOOD POLES before 1/1/96	\$49.44	\$0.00	\$49.44
TWO WOOD POLES before 1/1/96	\$98.89	\$0.00	\$98.89
WOOD POLES after 1/1/96 -30FT	\$91.15	\$0.00	\$91.15
WOOD POLES after 1/1/96 -35FT	\$94.72	\$0.00	\$94.72
WOOD POLES after 1/1/96 -40FT	\$102.47	\$0.00	\$102.47
150 FT OF WIRE	\$53.62	\$0.00	\$53.62

**COMMONWEALTH ELECTRIC COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
CONSOLIDATION SUMMARY OF DELIVERY CHARGES**

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OUTDOOR LIGHTING SERVICE	LUMINAIRE CHARGE (1)	TRANSMISSION CHARGE	TOTAL DELIVERY CHARGE (2)
<hr/>			
CUSTOMER OWNED STREETLIGHTING FACILITIES			
<hr/>			
INCANDESCENT			
1000L	\$23.44	\$2.37	\$25.81
2500L	\$35.59	\$4.56	\$40.15
6000L	\$67.79	\$10.12	\$77.91
10000L	\$89.62	\$14.00	\$103.63
MERCURY VAPOR			
4200L	\$26.79	\$2.96	\$29.75
8600L	\$37.49	\$4.88	\$42.37
12100L	\$48.78	\$6.80	\$55.58
22500L	\$70.54	\$10.71	\$81.25
63000L	\$155.81	\$25.64	\$181.44
HIGH PRESSURE SODIUM			
4000L	\$17.99	\$1.36	\$19.35
5800L	\$20.74	\$1.94	\$22.68
9500L	\$25.77	\$2.73	\$28.51
16000L	\$32.84	\$3.98	\$36.81
27500L	\$49.07	\$6.89	\$55.95
50000L	\$72.07	\$10.96	\$83.02
SODIUM ORNAMENTAL LIGHTS @ PLYMOUTH	\$63.64	\$7.68	\$71.32

**COMMONWEALTH ELECTRIC COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
CONSOLIDATION SUMMARY OF DELIVERY CHARGES**

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OUTDOOR LIGHTING SERVICE	LUMINAIRE CHARGE (1)	TRANSMISSION CHARGE	TOTAL DELIVERY CHARGE (2)
<hr/>			
TOTAL CUST. OWNED FIXTURES			
<u>ADDITIONAL CUSTOMER OWNED SERVICES</u>			
INSTALLATION AND REMOVAL CHARGE	\$107.83	\$0.00	\$107.83
JO POLE - RELOCATION	\$215.67	\$0.00	\$215.67
FO POLE - TRANSFER	\$44.68	\$0.00	\$44.68
 MERCURY VAPOR	 \$18.46	 \$0.00	 \$18.46
HIGH PRESSURE SODIUM VAPOR	\$14.89	\$0.00	\$14.89
INCANDESCENT	\$122.73	\$0.00	\$122.73
<u>OTHER STREET LIGHTING FIXTURES</u>			
CUSTOMER CHARGE =	\$9.00		
TRANSMISSION RATE =	\$0.00565		
DISTRIBUTION RATE =	\$0.02937	0.02937	(Ret Choice 3/1/9
	\$0.02937	(rev. 12/28/98)	
	\$0.03098	(rev 8/11/99)	
TOTAL CUST. OWNED FIXTURES			
 JO POLE	 \$3.69	 \$0.00	 \$3.69
FO POLE	\$7.26	\$0.00	\$7.26

(1) LUMINAIRE CHARGE INCLUDES SPECIFIC FACILITIES, CUSTOMER AND DISTRIBUTION CHARGE

(2) TOTAL BASE CHARGE DOES NOT REFLECT DSM, RENEWABLE AND TRANSITION CHARGES.

DSM CHARGE =	\$0.00250
RENEWABLE CHARGE =	\$0.00050
TRANSITION CHARGE =	\$0.01985

**COMMONWEALTH ELECTRIC COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
DETERMINATION OF CHARGES (POST-DEREGULATION)**

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OUTDOOR LIGHTING	KWH	TOTAL CHARGE PRE-DEREG	TOTAL PROPOSED CHARGE	STANDARD OFFER	TOTAL DELIVERY CHARGE	SPECIFIC FACILITIES CHARGE	CUSTOMER CHARGE	XMISSION CHARGE	DSM CHARGE	RENEW. CHARGE	TRANSITION +Def Adj +Pension Adj	DISTRIB. CHARGE
<u>STREETLIGHTING SERVICE</u>												
INCANDESCENT												
1000L	420	\$111.90	\$111.11	\$21.42	\$89.69	\$52.80	\$9.00	\$2.37	\$1.05	\$0.21	\$10.50	\$13.75
2500L	808	\$157.52	\$156.41	\$41.21	\$115.20	\$53.16	\$9.00	\$4.56	\$2.02	\$0.40	\$20.21	\$25.85
6000L	1792	\$273.68	\$271.75	\$91.39	\$180.36	\$53.88	\$9.00	\$10.12	\$4.48	\$0.90	\$44.82	\$57.16
10000L	2480	\$353.80	\$351.31	\$126.48	\$224.83	\$53.88	\$9.00	\$14.00	\$6.20	\$1.24	\$62.03	\$78.48
TOTAL												
MERCURY VAPOR												
4200L	524	\$125.26	\$124.37	\$26.72	\$97.65	\$54.00	\$9.00	\$2.96	\$1.31	\$0.26	\$13.11	\$17.01
8600L	864	\$163.56	\$162.41	\$44.06	\$118.35	\$52.56	\$9.00	\$4.88	\$2.16	\$0.43	\$21.61	\$27.71
12100L	1204	\$206.66	\$205.20	\$61.40	\$143.80	\$55.68	\$9.00	\$6.80	\$3.01	\$0.60	\$30.11	\$38.59
22500L	1896	\$289.44	\$287.40	\$96.70	\$190.70	\$58.08	\$9.00	\$10.71	\$4.74	\$0.95	\$47.42	\$59.81
63000L	4540	\$622.10	\$617.72	\$231.54	\$386.18	\$81.60	\$9.00	\$25.64	\$11.35	\$2.27	\$113.55	\$142.78
TOTAL												
HIGH PRESSURE SODIUM												
4000L	240	\$87.00	\$86.38	\$12.24	\$74.14	\$48.60	\$9.00	\$1.36	\$0.60	\$0.12	\$6.00	\$8.46
4000L CUT OFF	240	\$87.60	\$86.98	\$12.24	\$74.74	\$49.56	\$9.00	\$1.36	\$0.60	\$0.12	\$6.00	\$8.10
5800L	344	\$98.56	\$97.86	\$17.54	\$80.32	\$49.20	\$9.00	\$1.94	\$0.86	\$0.17	\$8.60	\$10.54
5800L CUT OFF	344	\$104.56	\$103.82	\$17.54	\$86.28	\$54.48	\$9.00	\$1.94	\$0.86	\$0.17	\$8.60	\$11.22
9500L	484	\$115.46	\$114.64	\$24.68	\$89.96	\$48.60	\$9.00	\$2.73	\$1.21	\$0.24	\$12.10	\$16.07
9500L CUT OFF	484	\$115.46	\$114.64	\$24.68	\$89.96	\$48.60	\$9.00	\$2.73	\$1.21	\$0.24	\$12.10	\$16.07
16000L	704	\$141.16	\$140.16	\$35.90	\$104.26	\$48.96	\$9.00	\$3.98	\$1.76	\$0.35	\$17.61	\$22.60
16000L CUT OFF	704	\$141.16	\$140.16	\$35.90	\$104.26	\$48.96	\$9.00	\$3.98	\$1.76	\$0.35	\$17.61	\$22.60
27500L	1220	\$206.50	\$205.04	\$62.22	\$142.82	\$54.12	\$9.00	\$6.89	\$3.05	\$0.61	\$30.51	\$38.64
27500L CUT OFF	1220	\$206.50	\$205.04	\$62.22	\$142.82	\$54.12	\$9.00	\$6.89	\$3.05	\$0.61	\$30.51	\$38.64
50000L	1940	\$292.90	\$290.84	\$98.94	\$191.90	\$56.28	\$9.00	\$10.96	\$4.85	\$0.97	\$48.52	\$61.32
50000L CUT OFF	1940	\$292.90	\$290.84	\$98.94	\$191.90	\$56.28	\$9.00	\$10.96	\$4.85	\$0.97	\$48.52	\$61.32
TOTAL												

**COMMONWEALTH ELECTRIC COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
DETERMINATION OF CHARGES (POST-DEREGULATION)**

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OUTDOOR LIGHTING	KWH	TOTAL CHARGE PRE-DEREG	TOTAL PROPOSED CHARGE	STANDARD OFFER	TOTAL DELIVERY CHARGE	SPECIFIC FACILITIES CHARGE	CUSTOMER CHARGE	XMISSION CHARGE	DSM CHARGE	RENEW. CHARGE	TRANSITION +Def Adj +Pension Adj	DISTRIB. CHARGE
URD POST TOP LIGHTING												
CO. INSTALLS												
0-5 FT	484	\$180.86	\$179.58	\$24.68	\$154.90	\$111.84	\$9.00	\$2.73	\$1.21	\$0.24	\$12.10	\$17.77
5-100 FT	484	\$188.66	\$187.33	\$24.68	\$162.65	\$119.64	\$9.00	\$2.73	\$1.21	\$0.24	\$12.10	\$17.72
CUST. INSTALLS												
0-5 FT	484	\$120.86	\$120.01	\$24.68	\$95.33	\$51.84	\$9.00	\$2.73	\$1.21	\$0.24	\$12.10	\$18.20
5-100 FT	484	\$128.66	\$127.75	\$24.68	\$103.07	\$59.76	\$9.00	\$2.73	\$1.21	\$0.24	\$12.10	\$18.02
TOTAL URD POST TOP LIGHTING												
5800L SODIUM	344	\$112.36	\$111.57	\$17.54	\$94.03	\$62.40	\$9.00	\$1.94	\$0.86	\$0.17	\$8.60	\$11.05
URD SHOEBOX SODIUM FIXTURE. FIBERGLASS POLE & UNDERG.												
5800L & POLE	344	\$250.96	\$249.19	\$17.54	\$231.65	\$199.80	\$9.00	\$1.94	\$0.86	\$0.17	\$8.60	\$11.27
16000L & POLE	704	\$295.36	\$293.28	\$35.90	\$257.38	\$201.36	\$9.00	\$3.98	\$1.76	\$0.35	\$17.61	\$23.32
27500L & POLE	1220	\$359.50	\$356.97	\$62.22	\$294.75	\$203.64	\$9.00	\$6.89	\$3.05	\$0.61	\$30.51	\$41.05
UG Facilities		\$113.40	\$112.60	\$0.00	\$112.60	\$102.09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10.51
5800L & POLE & U	344	\$364.36	\$361.79	\$17.54	\$344.25	\$313.20	\$9.00	\$1.94	\$0.86	\$0.17	\$8.60	\$10.47
16000L & POLE & U	704	\$408.76	\$405.88	\$35.90	\$369.98	\$314.76	\$9.00	\$3.98	\$1.76	\$0.35	\$17.61	\$22.52
27500L & POLE & U	1220	\$472.90	\$469.57	\$62.22	\$407.35	\$317.04	\$9.00	\$6.89	\$3.05	\$0.61	\$30.51	\$40.25
TOTAL												
WOOD POLE (SHOEBOX) UNDERGROUND FACIL.		\$81.60	\$81.02	\$0.00	\$81.02	\$73.44	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7.58
WOOD POLE & UG. FACIL.		\$113.40	\$112.60	\$0.00	\$112.60	\$102.12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10.48
TOTAL		\$195.00	\$193.62	\$0.00	\$193.62	\$175.56	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18.06

**COMMONWEALTH ELECTRIC COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
DETERMINATION OF CHARGES (POST-DEREGULATION)**

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OUTDOOR LIGHTING	KWH	TOTAL CHARGE PRE-DEREG	TOTAL PROPOSED CHARGE	STANDARD OFFER	TOTAL DELIVERY CHARGE	SPECIFIC FACILITIES CHARGE	CUSTOMER CHARGE	XMISSION CHARGE	DSM CHARGE	RENEW. CHARGE	TRANSITION +Def Adj +Pension Adj	DISTRIB. CHARGE
STREETLIGHTING ADDITIONAL CHARGES												
OH METAL POLE pre 1/31/89		\$45.00	\$44.68	\$0.00	\$44.68	\$40.56	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4.12
OH METAL POLE post 1/31/89		\$172.20	\$170.98	\$0.00	\$170.98	\$155.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15.94
UG METAL POLE pre 1/31/89		\$75.00	\$74.47	\$0.00	\$74.47	\$67.56	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6.91
UG METAL POLE post 1/31/89		\$285.60	\$283.59	\$0.00	\$283.59	\$257.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$26.55
UD METAL POLE post 1/31/89 (WITH CUSTOMER CREDIT)		\$141.00	\$140.00	\$0.00	\$140.00	\$126.96	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13.04
TOTAL STREETLIGHTING SERVICES												
AREA LIGHTING												
MERCURY VAPOR												
4200L	524	\$125.26	\$124.37	\$26.72	\$97.65	\$54.00	\$9.00	\$2.96	\$1.31	\$0.26	\$13.11	\$17.01
8600L	864	\$163.56	\$162.41	\$44.06	\$118.35	\$52.56	\$9.00	\$4.88	\$2.16	\$0.43	\$21.61	\$27.71
12100L	1204	\$206.66	\$205.20	\$61.40	\$143.80	\$55.68	\$9.00	\$6.80	\$3.01	\$0.60	\$30.11	\$38.59
22500L	1896	\$289.44	\$287.40	\$96.70	\$190.70	\$58.08	\$9.00	\$10.71	\$4.74	\$0.95	\$47.42	\$59.81
63000L	4540	\$622.10	\$617.72	\$231.54	\$386.18	\$81.60	\$9.00	\$25.64	\$11.35	\$2.27	\$113.55	\$142.78
TOTAL												
HIGH PRESSURE SODIUM												
4000L	240	\$87.00	\$86.38	\$12.24	\$74.14	\$48.60	\$9.00	\$1.36	\$0.60	\$0.12	\$6.00	\$8.46
4000L CUT OFF	240	\$87.60	\$86.98	\$12.24	\$74.74	\$49.56	\$9.00	\$1.36	\$0.60	\$0.12	\$6.00	\$8.10
5800L	344	\$99.16	\$98.46	\$17.54	\$80.92	\$49.20	\$9.00	\$1.94	\$0.86	\$0.17	\$8.60	\$11.14
5800L CUT OFF	344	\$104.56	\$103.82	\$17.54	\$86.28	\$54.48	\$9.00	\$1.94	\$0.86	\$0.17	\$8.60	\$11.22
9500L	484	\$115.46	\$114.64	\$24.68	\$89.96	\$48.60	\$9.00	\$2.73	\$1.21	\$0.24	\$12.10	\$16.07
9500L CUT OFF	484	\$115.46	\$114.64	\$24.68	\$89.96	\$48.60	\$9.00	\$2.73	\$1.21	\$0.24	\$12.10	\$16.07
16000L	704	\$141.16	\$140.16	\$35.90	\$104.26	\$48.96	\$9.00	\$3.98	\$1.76	\$0.35	\$17.61	\$22.60
16000L CUT OFF	704	\$141.16	\$140.16	\$35.90	\$104.26	\$48.96	\$9.00	\$3.98	\$1.76	\$0.35	\$17.61	\$22.60
27500L	1220	\$206.50	\$205.04	\$62.22	\$142.82	\$54.12	\$9.00	\$6.89	\$3.05	\$0.61	\$30.51	\$38.64
27500L CUT OFF	1220	\$206.50	\$205.04	\$62.22	\$142.82	\$54.12	\$9.00	\$6.89	\$3.05	\$0.61	\$30.51	\$38.64
50000L	1940	\$292.90	\$290.84	\$98.94	\$191.90	\$56.28	\$9.00	\$10.96	\$4.85	\$0.97	\$48.52	\$61.32
50000L CUT OFF	1940	\$292.90	\$290.84	\$98.94	\$191.90	\$56.28	\$9.00	\$10.96	\$4.85	\$0.97	\$48.52	\$61.32
TOTAL												

COMMONWEALTH ELECTRIC COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
DETERMINATION OF CHARGES (POST-DEREGULATION)

OUTDOOR LIGHTING	KWH	TOTAL CHARGE PRE-DEREG	TOTAL PROPOSED CHARGE	STANDARD OFFER	TOTAL DELIVERY CHARGE	SPECIFIC FACILITIES CHARGE	CUSTOMER CHARGE	XMISSION CHARGE	DSM CHARGE	RENEW. CHARGE	TRANSITION +Def Adj +Pension Adj	DISTRIB. CHARGE
FLOODLIGHTING												
HIGH PRESSURE SODIUM FLOODS												
16000L	756	\$161.94	\$160.80	\$38.56	\$122.24	\$61.80	\$9.00	\$4.27	\$1.89	\$0.38	\$18.91	\$26.00
27500L	1236	\$224.34	\$222.76	\$63.04	\$159.72	\$70.20	\$9.00	\$6.98	\$3.09	\$0.62	\$30.91	\$38.92
50000L	1856	\$297.64	\$295.54	\$94.66	\$200.88	\$70.44	\$9.00	\$10.48	\$4.64	\$0.93	\$46.42	\$58.98
TOTAL												
METAL HALIDE												
36000L	1812	\$292.98	\$290.92	\$92.41	\$198.51	\$66.48	\$9.00	\$10.23	\$4.53	\$0.91	\$45.32	\$62.04
AREA LIGHTING ADDITIONAL CHARGES												
WOOD POLES before 1/1/96		\$49.80	\$49.44	\$0.00	\$49.44	\$44.88	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4.56
TWO WOOD POLES before 1/1/96		\$99.60	\$98.89	\$0.00	\$98.89	\$89.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9.25
WOOD POLES after 1/1/96 -30FT		\$91.80	\$91.15	\$0.00	\$91.15	\$82.68	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.47
WOOD POLES after 1/1/96 -35FT		\$95.40	\$94.72	\$0.00	\$94.72	\$85.92	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.80
WOOD POLES after 1/1/96 -40FT		\$103.20	\$102.47	\$0.00	\$102.47	\$92.88	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9.59
150 FT OF WIRE		\$54.00	\$53.62	\$0.00	\$53.62	\$48.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5.02

COMMONWEALTH ELECTRIC COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
DETERMINATION OF CHARGES (POST-DEREGULATION)

OUTDOOR LIGHTING	KWH	TOTAL CHARGE PRE-DEREG	TOTAL PROPOSED CHARGE	STANDARD OFFER	TOTAL DELIVERY CHARGE	SPECIFIC FACILITIES CHARGE	CUSTOMER CHARGE	XMISSION CHARGE	DSM CHARGE	RENEW. CHARGE	TRANSITION +Def Adj +Pension Adj	DISTRIB. CHARGE
CUSTOMER OWNED STREETLIGHTING FACILITIES												
INCANDESCENT												
1000L	420	\$59.10	\$58.68	\$21.42	\$37.26	\$0.00	\$9.00	\$2.37	\$1.05	\$0.21	\$10.19	\$14.44
2500L	808	\$104.12	\$103.38	\$41.21	\$62.17	\$0.00	\$9.00	\$4.56	\$2.02	\$0.40	\$19.59	\$26.59
6000L	1792	\$219.68	\$218.13	\$91.39	\$126.74	\$0.00	\$9.00	\$10.12	\$4.48	\$0.90	\$43.46	\$58.79
10000L	2480	\$299.80	\$297.69	\$126.48	\$171.21	\$0.00	\$9.00	\$14.00	\$6.20	\$1.24	\$60.14	\$80.62
TOTAL												
MERCURY VAPOR												
4200L	524	\$71.26	\$70.75	\$26.72	\$44.03	\$0.00	\$9.00	\$2.96	\$1.31	\$0.26	\$12.71	\$17.79
8600L	864	\$110.76	\$109.98	\$44.06	\$65.92	\$0.00	\$9.00	\$4.88	\$2.16	\$0.43	\$20.95	\$28.49
12100L	1204	\$150.86	\$149.79	\$61.40	\$88.39	\$0.00	\$9.00	\$6.80	\$3.01	\$0.60	\$29.20	\$39.78
22500L	1896	\$231.24	\$229.61	\$96.70	\$132.91	\$0.00	\$9.00	\$10.71	\$4.74	\$0.95	\$45.98	\$61.54
63000L	4540	\$540.50	\$536.70	\$231.54	\$305.16	\$0.00	\$9.00	\$25.64	\$11.35	\$2.27	\$110.10	\$146.81
TOTAL												
HIGH PRESSURE SODIUM												
4000L	240	\$38.40	\$38.13	\$12.24	\$25.89	\$0.00	\$9.00	\$1.36	\$0.60	\$0.12	\$5.82	\$8.99
5800L	344	\$49.96	\$49.60	\$17.54	\$32.06	\$0.00	\$9.00	\$1.94	\$0.86	\$0.17	\$8.34	\$11.74
9500L	484	\$66.86	\$66.38	\$24.68	\$41.70	\$0.00	\$9.00	\$2.73	\$1.21	\$0.24	\$11.74	\$16.77
16000L	704	\$92.56	\$91.90	\$35.90	\$56.00	\$0.00	\$9.00	\$3.98	\$1.76	\$0.35	\$17.07	\$23.84
27500L	1220	\$152.50	\$151.42	\$62.22	\$89.20	\$0.00	\$9.00	\$6.89	\$3.05	\$0.61	\$29.59	\$40.07
50000L	1940	\$236.50	\$234.83	\$98.94	\$135.89	\$0.00	\$9.00	\$10.96	\$4.85	\$0.97	\$47.05	\$63.07
TOTAL												
SODIUM ORNAMENTAL LIGHTS @ PLYMOUTH												
	1360	\$179.00	\$177.74	\$69.36	\$108.38	\$0.00	\$9.00	\$7.68	\$3.40	\$0.68	\$32.98	\$54.64

COMMONWEALTH ELECTRIC COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
DETERMINATION OF CHARGES (POST-DEREGULATION)

OUTDOOR LIGHTING	KWH	TOTAL CHARGE PRE-DEREG	TOTAL PROPOSED CHARGE	STANDARD OFFER	TOTAL DELIVERY CHARGE	SPECIFIC FACILITIES CHARGE	CUSTOMER CHARGE	XMISSION CHARGE	DSM CHARGE	RENEW. CHARGE	TRANSITION +Def Adj +Pension Adj	DISTRIB. CHARGE
ADDITIONAL CUSTOMER OWNED SERVICES												
INSTALLATION AND REMOVAL CH		\$108.60	\$107.83	\$0.00	\$107.83	\$97.80	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10.03
RELOCATION CHARGE		\$217.20	\$215.67	\$0.00	\$215.67	\$195.46	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$20.21
TRANSFER CHARGE		\$45.00	\$44.68	\$0.00	\$44.68	\$40.56	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4.12
MAINTENANCE CHARGE												
MERCURY VAPOR		\$18.60	\$18.46	\$0.00	\$18.46	\$16.79	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1.67
HIGH PRESSURE SODIUM VAPC		\$15.00	\$14.89	\$0.00	\$14.89	\$13.56	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1.33
INCANDESCENT		\$123.60	\$122.73	\$0.00	\$122.73	\$111.22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11.51
OTHER STREET LIGHTING FIXTURES												
CUSTOMER CHARGE = \$10.00												
ENERGY CHARGE = \$.05187/KWH												
TOTAL CUST. OWNED FIXTURES												
JO POLE		\$3.72	\$3.69	\$0.00	\$3.69	\$3.36	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.33
FO POLE		\$7.32	\$7.26	\$0.00	\$7.26	\$6.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.66
TOTAL												

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OUTDOOR LIGHTING	KWH	# OF UNITS	TOTAL KWH	SPECIFIC FACILITIES REVENUES	CUSTOMER REVENUES	XMISSION REVENUES	DSM REVENUES	RENEW. REVENUES	TRANSITION & DEFAULT SERVICE ADJ REVENUES	DISTRIB. REVENUES	DELIVERY REVENUES	STANDARD OFFER REVENUES	TOTAL PROPOSED REVENUES
<u>STREETLIGHTING SERVICE</u>													
INCANDESCENT													
1000L	420	251	105,420	\$13,253	\$2,259	\$595	\$264	\$53	\$2,637	\$3,452	\$22,512	\$5,376	\$27,889
2500L	808	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6000L	1,792	1	1,792	\$54	\$9	\$10	\$4	\$1	\$45	\$57	\$180	\$91	\$272
10000L	2,480	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL		252	107,212	\$13,307	\$2,268	\$605	\$268	\$54	\$2,681	\$3,509	\$22,693	\$5,468	\$28,160
MERCURY VAPOR													
4200L	524	52	27,248	\$2,808	\$468	\$154	\$68	\$14	\$681	\$884	\$5,078	\$1,390	\$6,467
8600L	864	15	12,960	\$788	\$135	\$73	\$32	\$6	\$324	\$416	\$1,775	\$661	\$2,436
12100L	1,204	7	8,428	\$390	\$63	\$48	\$21	\$4	\$211	\$270	\$1,007	\$430	\$1,436
22500L	1,896	4	7,584	\$232	\$36	\$43	\$19	\$4	\$190	\$239	\$763	\$387	\$1,150
63000L	4,540	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL		78	56,220	\$4,218	\$702	\$317	\$141	\$28	\$1,406	\$1,809	\$8,622	\$2,867	\$11,489
HIGH PRESSURE SODIUM													
4000L	240	7,466	1,791,840	\$362,848	\$67,194	\$10,119	\$4,480	\$896	\$44,814	\$63,179	\$553,529	\$91,384	\$644,913
4000L CUT OFF	240	533	127,920	\$26,415	\$4,797	\$722	\$320	\$64	\$3,199	\$4,318	\$39,836	\$6,524	\$46,360
5800L	344	3,104	1,067,776	\$152,717	\$27,936	\$6,030	\$2,669	\$534	\$26,705	\$32,710	\$249,301	\$54,457	\$303,757
5800L CUT OFF	344	26	8,944	\$1,416	\$234	\$51	\$22	\$4	\$224	\$292	\$2,243	\$456	\$2,699
9500L	484	547	264,748	\$26,584	\$4,923	\$1,495	\$662	\$132	\$6,621	\$8,788	\$49,206	\$13,502	\$62,708
9500L CUT OFF	484	24	11,616	\$1,166	\$216	\$66	\$29	\$6	\$291	\$386	\$2,159	\$592	\$2,751
16000L	704	460	323,840	\$22,522	\$4,140	\$1,829	\$810	\$162	\$8,099	\$10,397	\$47,958	\$16,516	\$64,474
16000L CUT OFF	704	6	4,224	\$294	\$54	\$24	\$11	\$2	\$106	\$136	\$626	\$215	\$841
27500L	1,220	582	710,040	\$31,498	\$5,238	\$4,010	\$1,775	\$355	\$17,758	\$22,487	\$83,121	\$36,212	\$119,333
27500L CUT OFF	1,220	5	6,100	\$271	\$45	\$34	\$15	\$3	\$153	\$193	\$714	\$311	\$1,025
50000L	1,940	7	13,580	\$394	\$63	\$77	\$34	\$7	\$340	\$429	\$1,343	\$693	\$2,036
50000L CUT OFF	1,940	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL		12,760	4,330,628	\$626,125	\$114,840	\$24,456	\$10,827	\$2,165	\$108,310	\$143,315	\$1,030,037	\$220,862	\$1,250,899

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OUTDOOR LIGHTING	KWH	# OF UNITS	TOTAL KWH	SPECIFIC FACILITIES		CUSTOMER REVENUES	XMISSION REVENUES	DSM REVENUES	RENEW. REVENUES	TRANSITION & DEFAULT SERVICE ADJ		DISTRIB. REVENUES	DELIVERY REVENUES	STANDARD OFFER REVENUES	TOTAL PROPOSED REVENUES
				REVENUES	REVENUES					REVENUES	REVENUES				
URD POST TOP LIGHTING															
CO. INSTALLS															
0-5 FT	484	37	17,908	\$4,138	\$333		\$101	\$45	\$9	\$448		\$657	\$5,731	\$913	\$6,644
5-100 FT	484	43	20,812	\$5,145	\$387		\$118	\$52	\$10	\$521		\$762	\$6,994	\$1,061	\$8,055
CUST. INSTALLS															
0-5 FT	484	105	50,820	\$5,443	\$945		\$287	\$127	\$25	\$1,271		\$1,911	\$10,009	\$2,592	\$12,601
5-100 FT	484	2	968	\$120	\$18		\$5	\$2	\$0	\$24		\$36	\$206	\$49	\$256
TOTAL URD POST TOP		187	90,508	\$14,845	\$1,683		\$511	\$226	\$45	\$2,264		\$3,366	\$22,940	\$4,616	\$27,556
5800L SODIUM	344	38	13,072	\$2,371	\$342		\$74	\$33	\$7	\$327		\$420	\$3,573	\$667	\$4,240
URD SHOEBOX SODIUM FIXTURE. FIBERGLASS POLE & UNDERG.															
5800L & POLE	344	0	0	\$0	\$0		\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
16000L & POLE	704	0	0	\$0	\$0		\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
27500L & POLE	1,220	0	0	\$0	\$0		\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
UG Facilities		1	0	\$102	\$0		\$0	\$0	\$0	\$0		\$11	\$113	\$0	\$113
5800L & POLE & U	344	0	0	\$0	\$0		\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
16000L & POLE & U	704	0	0	\$0	\$0		\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
27500L & POLE & U	1,220	0	0	\$0	\$0		\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
TOTAL		1	0	\$102	\$0		\$0	\$0	\$0	\$0		\$11	\$113	\$0	\$113
WOOD POLE (SHOEBOX)		0		\$0	\$0		\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
UNDERGROUND FACIL.		0		\$0	\$0		\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
WOOD POLE & UG. FACIL.		0		\$0	\$0		\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
TOTAL		0	0	\$0	\$0		\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
STREETLIGHTING ADDITIONAL CHARGES															
OH METAL POLE pre 1/31/89		35		\$1,420	\$0		\$0	\$0	\$0	\$0		\$144	\$1,564	\$0	\$1,564
OH METAL POLE post 1/31/89		0		\$0	\$0		\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
UG METAL POLE pre 1/31/89		113		\$7,634	\$0		\$0	\$0	\$0	\$0		\$781	\$8,415	\$0	\$8,415
UG METAL POLE post 1/31/89		0		\$0	\$0		\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0
UD METAL POLE post 1/31/89 (WITH CUSTOMER CREDIT)		27		\$3,428	\$0		\$0	\$0	\$0	\$0		\$352	\$3,780	\$0	\$3,780
TOTAL STREETLIGHTING SERVICES															
				\$673,450	\$119,835	\$25,964	\$11,494	\$2,299	\$114,988	\$153,707	\$1,101,736	\$234,480			\$1,336,216

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OUTDOOR LIGHTING	KWH	# OF UNITS	TOTAL KWH	SPECIFIC FACILITIES REVENUES	CUSTOMER REVENUES	XMISSION REVENUES	DSM REVENUES	RENEW. REVENUES	TRANSITION & DEFAULT SERVICE ADJ REVENUES	DISTRIB. REVENUES	DELIVERY REVENUES	STANDARD OFFER REVENUES	TOTAL PROPOSED REVENUES
AREA LIGHTING													
MERCURY VAPOR													
4200L	524	123	64,452	\$6,642	\$1,107	\$364	\$161	\$32	\$1,612	\$2,092	\$12,010	\$3,287	\$15,298
8600L	864	58	50,112	\$3,048	\$522	\$283	\$125	\$25	\$1,253	\$1,607	\$6,864	\$2,556	\$9,420
12100L	1,204	25	30,100	\$1,392	\$225	\$170	\$75	\$15	\$753	\$965	\$3,595	\$1,535	\$5,130
22500L	1,896	91	172,536	\$5,285	\$819	\$974	\$431	\$86	\$4,315	\$5,443	\$17,354	\$8,799	\$26,153
63000L	4,540	5	22,700	\$408	\$45	\$128	\$57	\$11	\$568	\$714	\$1,931	\$1,158	\$3,089
TOTAL		302	339,900	\$16,776	\$2,718	\$1,919	\$850	\$170	\$8,501	\$10,821	\$41,754	\$17,335	\$59,089
HIGH PRESSURE SODIUM													
4000L	240	555	133,200	\$26,973	\$4,995	\$752	\$333	\$67	\$3,331	\$4,697	\$41,148	\$6,793	\$47,941
4000L CUT OFF	240	66	15,840	\$3,271	\$594	\$89	\$40	\$8	\$396	\$535	\$4,933	\$808	\$5,741
5800L	344	504	173,376	\$24,797	\$4,536	\$979	\$433	\$87	\$4,336	\$5,613	\$40,782	\$8,842	\$49,624
5800L CUT OFF	344	23	7,912	\$1,253	\$207	\$45	\$20	\$4	\$198	\$258	\$1,984	\$404	\$2,388
9500L	484	373	180,532	\$18,128	\$3,357	\$1,019	\$451	\$90	\$4,515	\$5,993	\$33,554	\$9,207	\$42,761
9500L CUT OFF	484	12	5,808	\$583	\$108	\$33	\$15	\$3	\$145	\$193	\$1,079	\$296	\$1,376
16000L	704	464	326,656	\$22,717	\$4,176	\$1,845	\$817	\$163	\$8,170	\$10,487	\$48,375	\$16,659	\$65,034
16000L CUT OFF	704	9	6,336	\$441	\$81	\$36	\$16	\$3	\$158	\$203	\$938	\$323	\$1,261
27500L	1,220	91	111,020	\$4,925	\$819	\$627	\$278	\$56	\$2,777	\$3,516	\$12,997	\$5,662	\$18,659
27500L CUT OFF	1,220	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
50000L	1,940	36	69,840	\$2,026	\$324	\$394	\$175	\$35	\$1,747	\$2,208	\$6,908	\$3,562	\$10,470
50000L CUT OFF	1,940	2	3,880	\$113	\$18	\$22	\$10	\$2	\$97	\$123	\$384	\$198	\$582
TOTAL		2,135	1,034,400	\$105,226	\$19,215	\$5,841	\$2,586	\$517	\$25,871	\$33,825	\$193,082	\$52,754	\$245,836
FLOODLIGHTING													
HIGH PRESSURE SODIUM FLOODS													
16000L	756	151	114,156	\$9,332	\$1,359	\$645	\$285	\$57	\$2,855	\$3,926	\$18,459	\$5,822	\$24,281
27500L	1,236	1,695	2,095,020	\$118,989	\$15,255	\$11,831	\$5,238	\$1,048	\$52,397	\$65,975	\$270,732	\$106,846	\$377,578
50000L	1,856	2,324	4,313,344	\$163,703	\$20,916	\$24,358	\$10,783	\$2,157	\$107,877	\$137,060	\$466,854	\$219,981	\$686,835
TOTAL		4,170	6,522,520	\$292,023	\$37,530	\$36,834	\$16,306	\$3,261	\$163,129	\$206,962	\$756,045	\$332,649	\$1,088,694
METAL HALIDE													
36000L	1,812	259	469,308	\$17,218	\$2,331	\$2,650	\$1,173	\$235	\$11,737	\$16,069	\$51,414	\$23,935	\$75,348

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OUTDOOR LIGHTING	KWH	# OF UNITS	TOTAL KWH	SPECIFIC FACILITIES REVENUES	CUSTOMER REVENUES	XMISSION REVENUES	DSM REVENUES	RENEW. REVENUES	TRANSITION & DEFAULT SERVICE ADJ REVENUES	DISTRIB. REVENUES	DELIVERY REVENUES	STANDARD OFFER REVENUES	TOTAL PROPOSED REVENUES
AREA LIGHTING ADDITIONAL CHARGES													
WOOD POLES after 1/1/96		707		\$31,730	\$0	\$0	\$0	\$0	\$0	\$3,224	\$34,954	\$0	\$34,954
TWO WOOD POLES after 1/1/96		3		\$269	\$0	\$0	\$0	\$0	\$0	\$28	\$297	\$0	\$297
WOOD POLES after 1/1/96 -30F		10		\$827	\$0	\$0	\$0	\$0	\$0	\$85	\$912	\$0	\$912
WOOD POLES after 1/1/96 -35F		10		\$859	\$0	\$0	\$0	\$0	\$0	\$88	\$947	\$0	\$947
WOOD POLES after 1/1/96 -40F		1		\$93	\$0	\$0	\$0	\$0	\$0	\$10	\$102	\$0	\$102
150 FT OF WIRE		18		\$875	\$0	\$0	\$0	\$0	\$0	\$90	\$965	\$0	\$965
TOTAL AREA LIGHTING & FLOODLIGHTING													
		7,615	8,366,128	\$465,897	\$61,794	\$47,245	\$20,915	\$4,183	\$209,238	\$271,200	\$1,080,472	\$426,673	\$1,507,145
TOTAL COMPANY OWNED FIXTURES													
		20,181	12,963,768	\$1,092,110	\$181,629	\$73,208	\$32,409	\$6,482	\$324,226	\$420,095	\$2,130,159	\$661,152	\$2,791,312
TOTAL COMPANY OWNED POLES & ACCESSOR.													
		907	0	\$47,237	\$0	\$0	\$0	\$0	\$0	\$4,812	\$52,049	\$0	\$52,049
GRAND TOTAL COMPANY OWNED													
		21,088	12,963,768	\$1,139,347	\$181,629	\$73,208	\$32,409	\$6,482	\$324,226	\$424,907	\$2,182,208	\$661,152	\$2,843,360
CUSTOMER OWNED STREETLIGHTING FACILITIES													
INCANDESCENT													
1000L	420	187	78,540	\$0	\$1,683	\$444	\$196	\$39	\$1,905	\$2,701	\$6,968	\$4,006	\$10,973
2500L	808	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6000L	1,792	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10000L	2,480	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL		187	78,540	\$0	\$1,683	\$444	\$196	\$39	\$1,905	\$2,701	\$6,968	\$4,006	\$10,973
MERCURY VAPOR													
4200L	524	265	138,860	\$0	\$2,385	\$784	\$347	\$69	\$3,367	\$4,714	\$11,667	\$7,082	\$18,749
8600L	864	10	8,640	\$0	\$90	\$49	\$22	\$4	\$210	\$285	\$659	\$441	\$1,100
12100L	1,204	9	10,836	\$0	\$81	\$61	\$27	\$5	\$263	\$358	\$795	\$553	\$1,348
22500L	1,896	6	11,376	\$0	\$54	\$64	\$28	\$6	\$276	\$369	\$797	\$580	\$1,378
63000L	4,540	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL		290	169,712	\$0	\$2,610	\$958	\$424	\$85	\$4,116	\$5,726	\$13,919	\$8,655	\$22,574

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HIGH PRESSURE SODIUM													
4000L	240	11,963	2,871,120	\$0	\$107,667	\$16,214	\$7,178	\$1,436	\$69,625	\$107,603	\$309,722	\$146,427	\$456,149
5800L	344	6,858	2,359,152	\$0	\$61,722	\$13,322	\$5,898	\$1,180	\$57,210	\$80,508	\$219,840	\$120,317	\$340,157
9500L	484	1,192	576,928	\$0	\$10,728	\$3,258	\$1,442	\$288	\$13,991	\$19,994	\$49,702	\$29,423	\$79,125
16000L	704	930	654,720	\$0	\$8,370	\$3,697	\$1,637	\$327	\$15,877	\$22,168	\$52,076	\$33,391	\$85,467
27500L	1,220	1,264	1,542,080	\$0	\$11,376	\$8,708	\$3,855	\$771	\$37,396	\$50,643	\$112,749	\$78,646	\$191,395
50000L	1,940	32	62,080	\$0	\$288	\$351	\$155	\$31	\$1,505	\$2,018	\$4,348	\$3,166	\$7,515
TOTAL		22,239	8,066,080	\$0	\$200,151	\$45,550	\$20,165	\$4,033	\$195,604	\$282,934	\$748,437	\$411,370	\$1,159,807
SODIUM ORNAMENTAL LIGHTS @ PLYMOUTH													
	1,360	64	87,040	\$0	\$576	\$492	\$218	\$44	\$2,111	\$3,497	\$6,936	\$4,439	\$11,375
TOTAL CUST. OWNED FIXTUR		22,780	8,401,372	\$0	\$205,020	\$47,444	\$21,003	\$4,201	\$203,735	\$294,858	\$776,260	\$428,470	\$1,204,730
ADDITIONAL CUSTOMER OWNED SERVICES													
JO POLE		2,160		\$7,258	\$0	\$0				\$713	\$7,970	\$0	\$7,970
FO POLE		242		\$1,597	\$0	\$0			\$0	\$160	\$1,757	\$0	\$1,757
TOTAL		2,402		\$8,855	\$0	\$0	\$0	\$0	\$0	\$873	\$9,727	\$0	\$9,727
GRAND TOTAL CUSTOMER OWNED			8,401,372	\$8,855	\$205,020	\$47,444	\$21,003	\$4,201	\$203,735	\$295,730	\$785,988	\$428,470	\$1,214,458
GRAND TOTAL FIXTURES	42,961	21,365,140		\$1,092,110	\$386,649	\$120,652	\$53,413	\$10,683	\$527,960	\$714,952	\$2,906,420	\$1,089,622	\$3,996,042
GRAND TOTAL POLES	3,309			\$56,091	\$0	\$0	\$0	\$0	\$0	\$5,684	\$61,776	\$0	\$61,776
GRAND TOTAL (CALCULATED)		21,365,140		\$1,148,202	\$386,649	\$120,652	\$53,413	\$10,683	\$527,960	\$720,637	\$2,968,196	\$1,089,622	\$4,057,818
PROPOSED REVENUES ADJUSTED TO BOOK													
DIFFERENCE										0.03346			\$0

COMMONWEALTH ELECTRIC COMPANY
RATE REDUCTION PROOF

Rate Schedule	Retail Access 03/01/1998 Adj for DSM	Pre-Rad Rates	Inflation Factor	Inflated Rates	Proposed True-up 01/01/2004	Percent Change
R-1						
Customer Charge	\$3.73	\$4.14	1.168	\$4.84	\$4.11	-15.02%
Energy Charges						
Distribution	0.04524				0.04606	
Transiton	0.04080				0.02027	
Transmission	0.00372				0.00710	
Pension Adj Factor					0.00076	
Transition Rate Adj					0.00002	
DSM	0.00330				0.00250	
Renewables	0.00075				0.00050	
Default Service Adj					0.00440	
Standard Offer	0.02800				0.05100	
Total Energy	0.12181	0.13355	1.168	0.15601	0.13261	-15.00%
R-2						
Customer Charge	\$2.21	\$2.46	1.168	\$2.87	\$2.44	-15.09%
Energy Charges						
Distribution	0.01964				0.01783	
Transiton	0.04080				0.02027	
Transmission	0.00372				0.00710	
Pension Adj Factor					0.00076	
Transition Rate Adj					0.00001	
DSM	0.00330				0.00250	
Renewables	0.00075				0.00050	
Default Service Adj					0.00440	
Standard Offer	0.02800				0.05100	
Total Energy	0.09621	0.10511	1.168	0.12279	0.10437	-15.00%
R-1 Seasonal						
Customer Charge	\$3.73	\$4.14	1.168	\$4.84	\$4.11	-15.02%
Energy Charges						
Distribution	0.08116				0.08279	
Transiton	0.04080				0.02027	
Transmission	0.00733				0.01398	
Pension Adj Factor					0.00076	
Transition Rate Adj					0.00002	
DSM	0.00330				0.00250	
Renewables	0.00075				0.00050	
Default Service Adj					0.00440	
Standard Offer	0.02800				0.05100	
Total Energy	0.16134	0.17748	1.168	0.20733	0.17623	-15.00%

COMMONWEALTH ELECTRIC COMPANY
RATE REDUCTION PROOF

Rate Schedule	Retail Access 03/01/1998 Adj for DSM	Pre-Rad Rates	Inflation Factor	Inflated Rates	Proposed True-up 01/01/2004	Percent Change
R-2 Seasonal						
Customer Charge	\$2.21	\$2.46	1.168	\$2.87	\$2.44	-15.09%
Energy Charges						
Distribution	0.03896				0.03625	
Transiton	0.04080				0.02027	
Transmission	0.00733				0.01398	
Pension Adj Factor					0.00076	
Transition Rate Adj					0.00001	
DSM	0.00330				0.00250	
Renewables	0.00075				0.00050	
Default Service Adj					0.00440	
Standard Offer	0.02800				0.05100	
Total Energy	0.11914	0.13059	1.168	0.15256	0.12967	-15.00%
R-3						
Customer Charge	\$10.03	\$11.14	1.168	\$13.01	\$11.06	-15.01%
Energy Charges						
Distribution	0.02628				0.02544	
Transiton	0.04080				0.02027	
Transmission	0.00339				0.00647	
Pension Adj Factor					0.00076	
Transition Rate Adj					-0.00001	
DSM	0.00330				0.00250	
Renewables	0.00075				0.00050	
Default Service Adj					0.00440	
Standard Offer	0.02800				0.05100	
Total Energy	0.10252	0.11212	1.168	0.13098	0.11133	-15.00%
R-4						
Customer Charge	\$5.87	\$6.52	1.168	\$7.62	\$6.47	-15.05%
Energy Charges						
Distribution	0.00878				0.00611	
Transiton	0.04080				0.02027	
Transmission	0.00339				0.00647	
Pension Adj Factor					0.00076	
Transition Rate Adj					0.00002	
DSM	0.00330				0.00250	
Renewables	0.00075				0.00050	
Default Service Adj					0.00440	
Standard Offer	0.02800				0.05100	
Total Energy	0.08502	0.09268	1.168	0.10827	0.09203	-15.00%

**COMMONWEALTH ELECTRIC COMPANY
RATE REDUCTION PROOF**

Rate Schedule	Retail Access 03/01/1998 Adj for DSM	Pre-Rad Rates	Inflation Factor	Inflated Rates	Proposed True-up 01/01/2004	Percent Change
R-5						
Customer Charge	\$0.00	\$0.00	1.168	\$0.00	\$0.00	n/a
Energy Charges						
Distribution	0.02769				0.02786	
Transiton	0.04080				0.02027	
Transmission	0.00343				0.00654	
Pension Adj Factor					0.00076	
Transition Rate Adj					-0.00090	
DSM	0.00330				0.00250	
Renewables	0.00075				0.00050	
Default Service Adj					0.00440	
Standard Offer	0.02800				0.05100	
Total Energy	0.10397	0.11373	1.168	0.13286	0.11293	-15.00%
R-6						
Customer Charge	\$7.33	\$8.14	1.168	\$9.51	\$8.08	-15.03%
Energy Charges - Peak Period						
Distribution	0.14169				0.13455	
Transiton	0.08424				0.08639	
Transmission	0.00339				0.00647	
Pension Adj Factor					0.00076	
Transition Rate Adj					0.00003	
DSM	0.00330				0.00250	
Renewables	0.00075				0.00050	
Default Service Adj					0.00440	
Standard Offer	0.02800				0.05100	
Total Energy	0.26137	0.28862	1.168	0.33717	0.28659	-15.00%
Energy Charges - Low Load						
Distribution	0.00722				0.00935	
Transiton	0.03280				0.00647	
Transmission	0.00339				0.00647	
Pension Adj Factor					0.00076	
Transition Rate Adj					0.00003	
DSM	0.00330				0.00250	
Renewables	0.00075				0.00050	
Default Service Adj					0.00440	
Standard Offer	0.02800				0.05100	
Total Energy	0.07546	0.08205	1.168	0.09585	0.08147	-15.00%

**COMMONWEALTH ELECTRIC COMPANY
RATE REDUCTION PROOF**

Rate Schedule	Retail Access 03/01/1998 Adj for DSM	Pre-Rad Rates	Inflation Factor	Inflated Rates	Proposed True-up 01/01/2004	Percent Change
G-1						
Customer Charge	\$5.53	\$6.14	1.168	\$7.17	\$6.10	-14.96%
Demand Charges > 10 kw						
Distribution	4.86	\$5.40	1.168	\$6.31	\$5.36	-15.03%
Energy Charges <2300 kwh						
Distribution	0.03691				0.03683	
Transiton	0.04080				0.02027	
Transmission	0.00378				0.00721	
Pension Adj Factor					0.00076	
Transition Rate Adj					0.00003	
DSM	0.00330				0.00250	
Renewables	0.00075				0.00050	
Default Service Adj					0.00440	
Standard Offer	0.02800				0.05100	
Total Energy	0.11354	0.12437	1.168	0.14529	0.12350	-15.00%
Energy Charges >2300 kwh						
Distribution	0.00764				0.00453	
Transiton	0.04080				0.02027	
Transmission	0.00378				0.00721	
Pension Adj Factor					0.00076	
Transition Rate Adj					0.00003	
DSM	0.00330				0.00250	
Renewables	0.00075				0.00050	
Default Service Adj					0.00440	
Standard Offer	0.02800				0.05100	
Total Energy	0.08427	0.09184	1.168	0.10729	0.09120	-15.00%
G-1 Seasonal						
Customer Charge	\$5.53	\$6.14	1.168	\$7.17	\$6.10	-14.96%
Demand Charges > 10 kw						
Distribution	4.31	\$4.79	1.168	\$5.60	\$4.76	-14.93%
Energy Charges < 1800 kwh						
Distribution	0.07220				0.07487	
Transiton	0.04080				0.02027	
Transmission	0.00489				0.00933	
Pension Adj Factor					0.00076	
Transition Rate Adj					0.00003	
DSM	0.00330				0.00250	
Renewables	0.00075				0.00050	
Default Service Adj					0.00440	
Standard Offer	0.02800				0.05100	
Total Energy	0.14994	0.16481	1.168	0.19253	0.16366	-15.00%
Energy Charges > 1800 kwh						
Distribution	0.02035				0.01766	
Transiton	0.04080				0.02027	
Transmission	0.00489				0.00933	
Pension Adj Factor					0.00076	
Transition Rate Adj					0.00003	
DSM	0.00330				0.00250	
Renewables	0.00075				0.00050	
Default Service Adj					0.00440	
Standard Offer	0.02800				0.05100	
Total Energy	0.09809	0.10720	1.168	0.12523	0.10645	-15.00%

COMMONWEALTH ELECTRIC COMPANY
RATE REDUCTION PROOF

Rate Schedule	Retail Access 03/01/1998 Adj for DSM	Pre-Rad Rates	Inflation Factor	Inflated Rates	Proposed True-up 01/01/2004	Percent Change
G-2						
Customer Charge	\$360.13	\$400.14	1.168	\$467.44	\$397.33	-15.00%
Demand Charges - Peak Kva						
Distribution	1.53				0.64	
Transmission	1.27				2.42	
Total Demand	2.80	\$3.11	1.168	\$3.63	3.06	-15.69%
Energy Charges - Peak Period						
Distribution	0.01403				0.01456	
Transiton	0.04080				0.02027	
Transmission					0.00000	
Pension Adj Factor					0.00076	
Transition Rate Adj					0.00010	
DSM	0.00330				0.00250	
Renewables	0.00075				0.00050	
Default Service Adj					0.00440	
Standard Offer	0.02800				0.05100	
Total Energy	0.08688	0.09475	1.168	0.11069	0.09409	-15.00%
Energy Charges - Low A						
Distribution	0.01120				0.01143	
Transiton	0.04080				0.02027	
Transmission	0.00000				0.00000	
Pension Adj Factor					0.00076	
Transition Rate Adj					0.00010	
DSM	0.00330				0.00250	
Renewables	0.00075				0.00050	
Default Service Adj					0.00440	
Standard Offer	0.02800				0.05100	
Total Energy	0.08405	0.09160	1.168	0.10701	0.09096	-15.00%
Energy Charges - Low B						
Distribution	0.00593				0.00561	
Transiton	0.04081				0.02027	
Transmission	0.00000				0.00000	
Pension Adj Factor					0.00076	
Transition Rate Adj					0.00010	
DSM	0.00330				0.00250	
Renewables	0.00075				0.00050	
Default Service Adj					0.00440	
Standard Offer	0.02800				0.05100	
Total Energy	0.07879	0.08574	1.168	0.10016	0.08514	-15.00%

**COMMONWEALTH ELECTRIC COMPANY
RATE REDUCTION PROOF**

Rate Schedule	Retail Access 03/01/1998 Adj for DSM	Pre-Rad Rates	Inflation Factor	Inflated Rates	Proposed True-up 01/01/2004	Percent Change
G-3						
Customer Charge	\$900.00	\$1,000.14	1.168	\$1,168.36	\$993.11	-15.00%
Demand Charges - Peak Kva						
Distribution	0.88				1.09	
Transiton	2.67				1.86	
Transmission	1.34				2.56	
Total Demand	4.89	\$5.44	1.168	\$6.36	5.51	-13.30%
Energy Charges - Peak Period						
Distribution	0.00871				0.00740	
Transiton	0.03672				0.01723	
Transmission	0.00000				0.00000	
Pension Adj Factor					0.00076	
Transition Rate Adj					-0.00008	
DSM	0.00330				0.00250	
Renewables	0.00075				0.00050	
Default Service Adj					0.00440	
Standard Offer	0.02800				0.05100	
Total Energy	0.07748	0.08430	1.168	0.09848	0.08371	-15.00%
Energy Charges - Low A						
Distribution	0.00771				0.00513	
Transiton	0.03488				0.01637	
Transmission					0.00000	
Pension Adj Factor					0.00076	
Transition Rate Adj					-0.00008	
DSM	0.00330				0.00250	
Renewables	0.00075				0.00050	
Default Service Adj					0.00440	
Standard Offer	0.02800				0.05100	
Total Energy	0.07464	0.08115	1.168	0.09480	0.08058	-15.00%
Energy Charges - Low B						
Distribution	0.00417				0.00012	
Transiton	0.03314				0.01555	
Transmission					0.00000	
Pension Adj Factor					0.00076	
Transition Rate Adj					-0.00008	
DSM	0.00330				0.00250	
Renewables	0.00075				0.00050	
Default Service Adj					0.00440	
Standard Offer	0.02800				0.05100	
Total Energy	0.06936	0.07528	1.168	0.08794	0.07475	-15.00%

COMMONWEALTH ELECTRIC COMPANY
RATE REDUCTION PROOF

Rate Schedule	Retail Access 03/01/1998 Adj for DSM	Pre-Rad Rates	Inflation Factor	Inflated Rates	Proposed True-up 01/01/2004	Percent Change
G-4						
Customer Charge	\$5.53	\$6.14	1.168	\$7.17	\$6.10	-14.96%
Demand Charges - Peak Kw						
Distribution	1.75				1.45	
Transmission	0.60				1.14	
Total Demand	2.35	\$2.61	1.168	\$3.05	2.59	-15.05%
Energy Charges						
Distribution	0.01623				0.01404	
Transiton	0.04080				0.02027	
Transmission					0.00303	
Pension Adj Factor					0.00076	
Transition Rate Adj					0.00000	
DSM	0.00330				0.00250	
Renewables	0.00075				0.00050	
Default Service Adj					0.00440	
Standard Offer	0.02800				0.05100	
Total Energy	0.08908	0.09719	1.168	0.11354	0.09650	-15.00%
G-5						
Customer Charge	\$5.40	\$6.00	1.168	\$7.01	\$5.96	-14.97%
Energy Charges						
Distribution	0.03230				0.03179	
Transiton	0.04080				0.02027	
Transmission	0.00374				0.00714	
Pension Adj Factor					0.00076	
Transition Rate Adj					0.00000	
DSM	0.00330				0.00250	
Renewables	0.00075				0.00050	
Default Service Adj					0.00440	
Standard Offer	0.02800				0.05100	
Total Energy	0.10889	0.11920	1.168	0.13925	0.11836	-15.00%
G-6						
Customer Charge	\$27.13	\$30.14	1.168	\$35.21	\$29.93	-14.99%
Energy Charges						
Distribution	0.01259				0.01057	
Transiton	0.04080				0.02027	
Transmission	0.00310				0.00591	
Pension Adj Factor					0.00076	
Transition Rate Adj					0.00000	
DSM	0.00330				0.00250	
Renewables	0.00075				0.00050	
Default Service Adj					0.00440	
Standard Offer	0.02800				0.05100	
Total Energy	0.08854	0.09659	1.168	0.11284	0.09591	-15.00%

**COMMONWEALTH ELECTRIC COMPANY
RATE REDUCTION PROOF**

Rate Schedule	Retail Access 03/01/1998 Adj for DSM	Pre-Rad Rates	Inflation Factor	Inflated Rates	Proposed True-up 01/01/2004	Percent Change
G-7						
Customer Charge	\$9.13	\$10.14	1.168	\$11.85	\$10.07	-14.99%
Demand Charges - Peak Kva						
Distribution	3.35				3.04	
Transmission	1.13				1.9	
Total Demand	4.48	\$4.98	1.168	\$5.82	4.94	-15.09%
Energy Charges - Peak Period						
Distribution	0.01921				0.01995	
Transiton	0.04080				0.02027	
Transmission					0.00000	
Pension Adj Factor					0.00076	
Transition Rate Adj					0.00042	
DSM	0.00330				0.00250	
Renewables	0.00075				0.00050	
Default Service Adj					0.00440	
Standard Offer	0.02800				0.05100	
Total Energy	0.09206	0.10050	1.168	0.11740	0.09979	-15.00%
Energy Charges - Low Load						
Distribution	0.01232				0.01234	
Transiton	0.04080				0.02027	
Transmission					0.00000	
Pension Adj Factor					0.00076	
Transition Rate Adj					0.00042	
DSM	0.00330				0.00250	
Renewables	0.00075				0.00050	
Default Service Adj					0.00440	
Standard Offer	0.02800				0.05100	
Total Energy	0.08517	0.09284	1.168	0.10846	0.09218	-15.00%
G-7 Seasonal						
Customer Charge	\$9.13	\$10.14	1.168	\$11.85	\$10.07	-14.99%
Demand Charges - Peak Kva						
Distribution	3.39				3.46	
Transmission	0.48				0.81	
Total Demand	3.87	\$4.30	1.168	\$5.02	4.27	-15.00%
Energy Charges - Peak Period						
Distribution	0.04105				0.04399	
Transiton	0.04080				0.02027	
Transmission					0.00005	
Pension Adj Factor					0.00076	
Transition Rate Adj					0.00042	
DSM	0.00330				0.00250	
Renewables	0.00075				0.00050	
Default Service Adj					0.00440	
Standard Offer	0.02800				0.05100	
Total Energy	0.11390	0.12477	1.168	0.14576	0.12389	-15.00%
Energy Charges - Low Load						
Distribution	0.03392				0.03612	
Transiton	0.04080				0.02027	
Transmission					0.00005	
Pension Adj Factor					0.00076	
Transition Rate Adj					0.00042	
DSM	0.00330				0.00250	
Renewables	0.00075				0.00050	
Default Service Adj					0.00440	
Standard Offer	0.02800				0.05100	
Total Energy	0.10677	0.11684	1.168	0.13649	0.11602	-15.00%

COMMONWEALTH ELECTRIC COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
CONSOLIDATION SUMMARY - RATE COMPARISON

OUTDOOR LIGHTING SERVICE	LUMINAIRE CHARGE (1)	XMISSION CHARGE	DSM RENEW FUEL CHG	PRE-RAD TOTAL CHARGES	LUMINAIRE CHARGE (1)	XMISSION CHARGE	TRANSITION & DEFAULT SERV ADJ		JAN 2004 TOTAL CHARGES	PERCENT REDUCTION
							CHARGE	STD OFFER		
STREET LIGHTING SERVICE										
INCANDESCENT										
1000L	\$81.63	\$1.24	\$29.02	\$111.90	\$75.55	\$2.37	\$10.50	\$22.68	\$111.11	15.00256%
2500L	\$99.30	\$2.39	\$55.83	\$157.52	\$88.01	\$4.56	\$20.21	\$43.63	\$156.41	15.00143%
6000L	\$144.55	\$5.30	\$123.83	\$273.68	\$120.04	\$10.12	\$44.82	\$96.77	\$271.75	15.00189%
10000L	\$175.09	\$7.34	\$171.37	\$353.80	\$141.36	\$14.00	\$62.03	\$133.92	\$351.31	15.00067%
MERCURY VAPOR										
4200L	\$87.50	\$1.55	\$36.21	\$125.26	\$80.01	\$2.96	\$13.11	\$28.30	\$124.37	15.00644%
8600L	\$101.30	\$2.56	\$59.70	\$163.56	\$89.27	\$4.88	\$21.61	\$46.66	\$162.41	15.00009%
12100L	\$119.90	\$3.56	\$83.20	\$206.66	\$103.27	\$6.80	\$30.11	\$65.02	\$205.20	15.00297%
22500L	\$152.81	\$5.61	\$131.01	\$289.44	\$126.89	\$10.71	\$47.42	\$102.38	\$287.40	15.00155%
63000L	\$294.95	\$13.44	\$313.71	\$622.10	\$233.38	\$25.64	\$113.55	\$245.16	\$617.72	15.00091%
HIGH PRESSURE SODIUM										
4000L	\$69.71	\$0.71	\$16.58	\$87.00	\$66.06	\$1.36	\$6.00	\$12.96	\$86.38	15.00826%
4000L CUT OFF	\$70.31	\$0.71	\$16.58	\$87.60	\$66.66	\$1.36	\$6.00	\$12.96	\$86.98	15.00408%
5800L	\$73.77	\$1.02	\$23.77	\$98.56	\$68.74	\$1.94	\$8.60	\$18.58	\$97.86	15.00619%
5800L CUT OFF	\$79.77	\$1.02	\$23.77	\$104.56	\$74.70	\$1.94	\$8.60	\$18.58	\$103.82	15.00405%
9500L	\$80.58	\$1.43	\$33.44	\$115.46	\$73.67	\$2.73	\$12.10	\$26.14	\$114.64	15.00617%
9500L CUT OFF	\$80.58	\$1.43	\$33.44	\$115.46	\$73.67	\$2.73	\$12.10	\$26.14	\$114.64	15.00617%
16000L	\$90.43	\$2.08	\$48.65	\$141.16	\$80.56	\$3.98	\$17.61	\$38.02	\$140.16	15.00464%
16000L CUT OFF	\$90.43	\$2.08	\$48.65	\$141.16	\$80.56	\$3.98	\$17.61	\$38.02	\$140.16	15.00464%
27500L	\$118.59	\$3.61	\$84.30	\$206.50	\$101.76	\$6.89	\$30.51	\$65.88	\$205.04	15.00344%
27500L CUT OFF	\$118.59	\$3.61	\$84.30	\$206.50	\$101.76	\$6.89	\$30.51	\$65.88	\$205.04	15.00344%
50000L	\$153.10	\$5.74	\$134.05	\$292.90	\$126.60	\$10.96	\$48.52	\$104.76	\$290.84	15.00027%
50000L CUT OFF	\$153.10	\$5.74	\$134.05	\$292.90	\$126.60	\$10.96	\$48.52	\$104.76	\$290.84	15.00027%

COMMONWEALTH ELECTRIC COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
CONSOLIDATION SUMMARY - RATE COMPARISON

OUTDOOR LIGHTING SERVICE	LUMINAIRE CHARGE (1)	XMISSION CHARGE	DSM RENEW FUEL CHG	PRE-RAD TOTAL CHARGES	TRANSITION & DEFAULT			JAN 2004 TOTAL CHARGES	PERCENT REDUCTION
					LUMINAIRE CHARGE (1)	XMISSION CHARGE	SERV ADJ CHARGE		
<u>URD POST TOP LIGHTING</u>									
CO. INSTALLS									
0-5 FT	\$145.98	\$1.43	\$33.44	\$180.86	\$138.61	\$2.73	\$12.10	\$179.58	15.00405%
5-100 FT	\$153.78	\$1.43	\$33.44	\$188.66	\$146.36	\$2.73	\$12.10	\$187.33	15.00169%
CUST. INSTALLS									
0-5 FT	\$85.98	\$1.43	\$33.44	\$120.86	\$79.04	\$2.73	\$12.10	\$120.01	15.00025%
5-100 FT	\$93.78	\$1.43	\$33.44	\$128.66	\$86.78	\$2.73	\$12.10	\$127.75	15.00367%
<u>5800L SODIUM</u>									
	\$87.57	\$1.02	\$23.77	\$112.36	\$82.45	\$1.94	\$8.60	\$111.57	15.00008%
<u>URD SHOEBOX SODIUM FIXTURE. FIBERGLASS POLE & UNDERG.</u>									
5800L & POLE	\$226.17	\$1.02	\$23.77	\$250.96	\$220.07	\$1.94	\$8.60	\$249.19	15.00196%
16000L & POLE	\$244.63	\$2.08	\$48.65	\$295.36	\$233.68	\$3.98	\$17.61	\$293.28	15.00105%
27500L & POLE	\$271.59	\$3.61	\$84.30	\$359.50	\$253.69	\$6.89	\$30.51	\$356.97	15.00065%
UG Facilities	\$113.40	\$0.00	\$0.00	\$113.40	\$112.60	\$0.00	\$0.00	\$112.60	15.00211%
5800L & POLE & UNDERG. FACIL.	\$339.57	\$1.02	\$23.77	\$364.36	\$332.67	\$1.94	\$8.60	\$361.79	15.00201%
16000L & POLE & UNDERG. FACIL.	\$358.03	\$2.08	\$48.65	\$408.76	\$346.28	\$3.98	\$17.61	\$405.88	15.00134%
27500L & POLE & UNDERG. FACIL.	\$384.99	\$3.61	\$84.30	\$472.90	\$366.29	\$6.89	\$30.51	\$469.57	15.00100%
WOOD POLE (SHOEBOX) UNDERGROUND FACIL. WOOD POLE & UG. FACIL.	\$81.60 \$113.40 \$195.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$81.60 \$113.40 \$195.00	\$81.02 \$112.60 \$193.62	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$81.02 \$112.60 \$193.62	15.00666% 15.00211% 15.00402%

COMMONWEALTH ELECTRIC COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
CONSOLIDATION SUMMARY - RATE COMPARISON

OUTDOOR LIGHTING SERVICE	LUMINAIRE CHARGE (1)	XMISSION CHARGE	DSM RENEW FUEL CHG	PRE-RAD TOTAL CHARGES	TRANSITION & DEFAULT			JAN 2004 TOTAL CHARGES	PERCENT REDUCTION
					LUMINAIRE CHARGE (1)	XMISSION CHARGE	SERV ADJ CHARGE		
STREETLIGHTING ADDITIONAL CHARGES									
OH METAL POLE pre 1/31/89	\$45.00	\$0.00	\$0.00	\$45.00	\$44.68	\$0.00	\$0.00	\$44.68	15.00694%
OH METAL POLE post 1/31/89	\$172.20	\$0.00	\$0.00	\$172.20	\$170.98	\$0.00	\$0.00	\$170.98	15.00469%
UG METAL POLE pre 1/31/89	\$75.00	\$0.00	\$0.00	\$75.00	\$74.47	\$0.00	\$0.00	\$74.47	15.00314%
UG METAL POLE post 1/31/89	\$285.60	\$0.00	\$0.00	\$285.60	\$283.59	\$0.00	\$0.00	\$283.59	15.00067%
UD METAL POLE post 1/31/89 (WITH CUSTOMER CREDIT .)	\$141.00	\$0.00	\$0.00	\$141.00	\$140.00	\$0.00	\$0.00	\$140.00	15.00532%
AREA LIGHTING									
MERCURY VAPOR									
4200L	\$87.50	\$1.55	\$36.21	\$125.26	\$80.01	\$2.96	\$13.11	\$124.37	15.00644%
8600L	\$101.30	\$2.56	\$59.70	\$163.56	\$89.27	\$4.88	\$21.61	\$162.41	15.00009%
12100L	\$119.90	\$3.56	\$83.20	\$206.66	\$103.27	\$6.80	\$30.11	\$205.20	15.00297%
22500L	\$152.81	\$5.61	\$131.01	\$289.44	\$126.89	\$10.71	\$47.42	\$287.40	15.00155%
63000L	\$294.95	\$13.44	\$313.71	\$622.10	\$233.38	\$25.64	\$113.55	\$617.72	15.00091%
HIGH PRESSURE SODIUM									
4000L	\$69.71	\$0.71	\$16.58	\$87.00	\$66.06	\$1.36	\$6.00	\$86.38	15.00826%
4000L CUT OFF	\$70.31	\$0.71	\$16.58	\$87.60	\$66.66	\$1.36	\$6.00	\$86.98	15.00408%
5800L	\$74.37	\$1.02	\$23.77	\$99.16	\$69.34	\$1.94	\$8.60	\$98.46	15.00251%
5800L CUT OFF	\$79.77	\$1.02	\$23.77	\$104.56	\$74.70	\$1.94	\$8.60	\$103.82	15.00405%
9500L	\$80.58	\$1.43	\$33.44	\$115.46	\$73.67	\$2.73	\$12.10	\$114.64	15.00617%
9500L CUT OFF	\$80.58	\$1.43	\$33.44	\$115.46	\$73.67	\$2.73	\$12.10	\$114.64	15.00617%
16000L	\$90.43	\$2.08	\$48.65	\$141.16	\$80.56	\$3.98	\$17.61	\$140.16	15.00464%
16000L CUT OFF	\$90.43	\$2.08	\$48.65	\$141.16	\$80.56	\$3.98	\$17.61	\$140.16	15.00464%
27500L	\$118.59	\$3.61	\$84.30	\$206.50	\$101.76	\$6.89	\$30.51	\$205.04	15.00344%
27500L CUT OFF	\$118.59	\$3.61	\$84.30	\$206.50	\$101.76	\$6.89	\$30.51	\$205.04	15.00344%
50000L	\$153.10	\$5.74	\$134.05	\$292.90	\$126.60	\$10.96	\$48.52	\$290.84	15.00027%
50000L CUT OFF	\$153.10	\$5.74	\$134.05	\$292.90	\$126.60	\$10.96	\$48.52	\$290.84	15.00027%

COMMONWEALTH ELECTRIC COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
CONSOLIDATION SUMMARY - RATE COMPARISON

OUTDOOR LIGHTING SERVICE	LUMINAIRE CHARGE (1)		XMISSION CHARGE		DSM RENEW FUEL CHG		PRE-RAD TOTAL CHARGES		TRANSITION & DEFAULT SERV ADJ		DSM RENEW STD OFFER		JAN 2004 TOTAL CHARGES		PERCENT REDUCTION
FLOODLIGHTING															
HIGH PRESSURE SODIUM FLOODS															
16000L	\$107.46	\$2.24	\$52.24	\$161.94	\$96.80	\$4.27	\$18.91		\$40.82	\$160.80	15.00083%				
27500L	\$135.27	\$3.66	\$85.41	\$224.34	\$118.12	\$6.98	\$30.91		\$66.74	\$222.76	15.00110%				
50000L	\$163.90	\$5.49	\$128.25	\$297.64	\$138.42	\$10.48	\$46.42		\$100.22	\$295.54	15.00218%				
METAL HALIDE															
36000L	\$162.41	\$5.36	\$125.21	\$292.98	\$137.52	\$10.23	\$45.32		\$97.85	\$290.92	15.00010%				
AREA LIGHTING ADDITIONAL CHARGES															
WOOD POLES before 1/1/96	\$49.80	\$0.00	\$0.00	\$49.80	\$49.44	\$0.00	\$0.00		\$0.00	\$49.44	15.01703%				
TWO WOOD POLES before 1/1/96	\$99.60	\$0.00	\$0.00	\$99.60	\$98.89	\$0.00	\$0.00		\$0.00	\$98.89	15.00843%				
WOOD POLES after 1/1/96 -30FT	\$91.80	\$0.00	\$0.00	\$91.80	\$91.15	\$0.00	\$0.00		\$0.00	\$91.15	15.00433%				
WOOD POLES after 1/1/96 -35FT	\$95.40	\$0.00	\$0.00	\$95.40	\$94.72	\$0.00	\$0.00		\$0.00	\$94.72	15.00838%				
WOOD POLES after 1/1/96 -40FT	\$103.20	\$0.00	\$0.00	\$103.20	\$102.47	\$0.00	\$0.00		\$0.00	\$102.47	15.00374%				
150 FT OF WIRE	\$54.00	\$0.00	\$0.00	\$54.00	\$53.62	\$0.00	\$0.00		\$0.00	\$53.62	15.00060%				

COMMONWEALTH ELECTRIC COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
CONSOLIDATION SUMMARY - RATE COMPARISON

OUTDOOR LIGHTING SERVICE	LUMINAIRE CHARGE (1)		XMISSION CHARGE	DSM RENEW FUEL CHG	PRE-RAD TOTAL CHARGES	TRANSITION & DEFAULT			DSM RENEW STD OFFER	JAN 2004 TOTAL CHARGES	PERCENT REDUCTION
							SERV ADJ CHARGE				
CUSTOMER OWNED STREETLIGHTING FACILITIES											
INCANDESCENT											
1000L	\$28.83	\$1.24	\$29.02		\$59.10	\$23.44	\$2.37	\$10.19	\$22.68	\$58.68	15.00656%
2500L	\$45.90	\$2.39	\$55.83		\$104.12	\$35.59	\$4.56	\$19.59	\$43.63	\$103.38	15.00661%
6000L	\$90.55	\$5.30	\$123.83		\$219.68	\$67.79	\$10.12	\$43.46	\$96.77	\$218.13	15.00220%
10000L	\$121.09	\$7.34	\$171.37		\$299.80	\$89.62	\$14.00	\$60.14	\$133.92	\$297.69	15.00069%
MERCURY VAPOR											
4200L	\$33.50	\$1.55	\$36.21		\$71.26	\$26.79	\$2.96	\$12.71	\$28.30	\$70.75	15.01086%
8600L	\$48.50	\$2.56	\$59.70		\$110.76	\$37.49	\$4.88	\$20.95	\$46.66	\$109.98	15.00105%
12100L	\$64.10	\$3.56	\$83.20		\$150.86	\$48.78	\$6.80	\$29.20	\$65.02	\$149.79	15.00536%
22500L	\$94.61	\$5.61	\$131.01		\$231.24	\$70.54	\$10.71	\$45.98	\$102.38	\$229.61	15.00162%
63000L	\$213.35	\$13.44	\$313.71		\$540.50	\$155.81	\$25.64	\$110.10	\$245.16	\$536.70	15.00005%
HIGH PRESSURE SODIUM											
4000L	\$21.11	\$0.71	\$16.58		\$38.40	\$17.99	\$1.36	\$5.82	\$12.96	\$38.13	15.00011%
5800L	\$25.17	\$1.02	\$23.77		\$49.96	\$20.74	\$1.94	\$8.34	\$18.58	\$49.60	15.01505%
9500L	\$31.98	\$1.43	\$33.44		\$66.86	\$25.77	\$2.73	\$11.74	\$26.14	\$66.38	15.01277%
16000L	\$41.83	\$2.08	\$48.65		\$92.56	\$32.84	\$3.98	\$17.07	\$38.02	\$91.90	15.00860%
27500L	\$64.59	\$3.61	\$84.30		\$152.50	\$49.07	\$6.89	\$29.59	\$65.88	\$151.42	15.00445%
50000L	\$96.70	\$5.74	\$134.05		\$236.50	\$72.07	\$10.96	\$47.05	\$104.76	\$234.83	15.00268%
SODIUM ORNAMENTAL LIGHTS @ PLYMOUTH											
	\$81.06	\$4.03	\$93.91		\$179.00	\$63.64	\$7.68	\$32.98	\$73.44	\$177.74	15.00078%

COMMONWEALTH ELECTRIC COMPANY
OUTDOOR LIGHTING REVENUE ANALYSIS
CONSOLIDATION SUMMARY - RATE COMPARISON

	LUMINAIRE CHARGE (1)	XMISSION CHARGE	DSM RENEW FUEL CHG	PRE-RAD TOTAL CHARGES	TRANSITION & DEFAULT SERV ADJ			JAN 2004 TOTAL CHARGES	PERCENT REDUCTION
					LUMINAIRE CHARGE (1)	XMISSION CHARGE	DSM RENEW STD OFFER		
OUTDOOR LIGHTING SERVICE									
TOTAL CUST. OWNED FIXTURES									
ADDITIONAL CUSTOMER OWNED SERVICES									
INSTALLATION AND REMOVAL CHARGE	\$108.60	\$0.00	\$0.00	\$108.60	\$107.83	\$0.00	\$0.00	\$107.83	15.00516%
JO POLE - RELOCATION	\$217.20	\$0.00	\$0.00	\$217.20	\$215.67	\$0.00	\$0.00	\$215.67	15.00122%
FO POLE - TRANSFER	\$45.00	\$0.00	\$0.00	\$45.00	\$44.68	\$0.00	\$0.00	\$44.68	15.00694%
MERCURY VAPOR	\$18.60	\$0.00	\$0.00	\$18.60	\$18.46	\$0.00	\$0.00	\$18.46	15.04253%
HIGH PRESSURE SODIUM VAPOR	\$15.00	\$0.00	\$0.00	\$15.00	\$14.89	\$0.00	\$0.00	\$14.89	15.02597%
INCANDESCENT	\$123.60	\$0.00	\$0.00	\$123.60	\$122.73	\$0.00	\$0.00	\$122.73	15.00076%
OTHER STREET LIGHTING FIXTURES									
CUSTOMER CHARGE	\$10.00			\$10.00	\$9.00			\$9.00	22.95840%
TRANSMISSION RATE									
DISTRIBUTION RATE									
TOTAL CUST. OWNED FIXTURES									
JO POLE	\$3.72	\$0.00	\$0.00	\$3.72	\$3.69	\$0.00	\$0.00	\$3.69	15.08856%
FO POLE	\$7.32	\$0.00	\$0.00	\$7.32	\$7.26	\$0.00	\$0.00	\$7.26	15.09987%

(1) LUMINAIRE CHARGE INCLUDES SPECIFIC FACILITIES, CUSTOMER AND DISTRIBUTION CHARGES.

COMMONWEALTH ELECTRIC COMPANY

Analysis of Unbundled Rates Under Restructuring

Date	CPI Index	Cumulative Inflation Factor	Dist	DSM	Renew	Xmission	Estimated Transition	Standard Offer	Default Adjust.	Estimated Total	Rate Cap	Inflated Rate	Savings
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
03/01/98	1.621	n/a	3.478	0.330	0.075	0.360	4.080	2.800	0.000	11.123	11.123	12.358	10.0%
01/01/99	1.644	1.0243	3.478	0.310	0.100	0.360	3.159	3.500	0.000	10.907	11.393	12.659	13.8%
03/01/99	1.648	1.0266	3.478	0.310	0.100	0.360	3.159	3.500	0.000	10.907	11.418	12.687	14.0%
09/01/99	1.673	1.0423	3.612	0.310	0.100	0.360	3.159	3.500	0.000	11.041	10.948	12.881	14.3%
01/01/00	1.709	1.0650	3.639	0.285	0.125	0.468	2.856	3.800	0.000	11.173	11.187	13.162	15.1%
03/01/00	1.709	1.0650	3.639	0.285	0.125	0.468	2.856	3.800	0.000	11.173	11.187	13.162	15.1%
01/01/01	1.780	1.1090	3.639	0.270	0.100	0.726	3.028	3.800	0.000	11.563	11.649	13.705	15.6%
03/01/01	1.780	1.1090	3.639	0.270	0.100	0.726	3.028	3.800	0.000	11.563	11.649	13.705	15.6%
01/01/02	1.802	1.1227	3.639	0.250	0.075	0.464	3.030	4.200	0.000	11.658	11.793	13.875	16.0%
03/01/02	1.802	1.1227	3.639	0.250	0.075	0.464	3.030	4.200	0.000	11.658	11.793	13.875	16.0%
01/01/03	1.875	1.1682	3.639	0.250	0.050	0.683	2.027	5.100	0.440	12.189	12.271	14.437	15.6%
03/01/03	1.837	1.1445	3.639	0.250	0.050	0.683	2.027	5.100	0.440	12.189	12.022	14.144	13.8%
01/01/04	1.875	1.1682	3.635	0.250	0.050	0.683	2.108	5.100	0.440	12.266	12.271	14.437	15.0%
03/01/04	1.875	1.1682	3.635	0.250	0.050	0.683	2.108	5.100	0.440	12.266	12.271	14.437	15.0%

Assumptions:

Starting Rates	12.358 cents/kwh
Starting Date	08/01/97
Starting Index	1.6050

Notes:

- (1) Data reflects All Urban CPI from Bureau of Labor Statistics. Data is actual through October 2001.
- (2) Col. 1 / Starting Index
- (7) Includes Transition Rate Adjustment and Pension Adjustment
- (10) Sum(Col. 3,4,5,6,7,8,9)
- (11) Col. 10 * 0.9 for periods prior to 9/1/99. Col 12 * 0.85 for 9/1/99 and thereafter.
- (12) Starting rate * Col. 2
- (13) (1-(Col. 9/Col. 12))*100

Commonwealth Electric Company
Year 2002
Transition Revenue Analysis

Rate	Billed kWh a	Billed Transition \$ b	Theoretical Rate c	Theoretical Transition \$ d	Year 2002 Overpayment (Underpayment) e	Transition Rate Adj. f	Estimated 2004 kWh g
				a * c	b - d		
R-1	1,515,419,705	\$ 45,880,269	\$ 0.03030	\$ 45,917,217	\$ (36,948)	\$ 0.00002	1,596,650,895
R-2	98,538,656	\$ 2,984,459	\$ 0.03030	\$ 2,985,721	\$ (1,262)	\$ 0.00001	103,820,633
R-3	261,312,088	\$ 7,915,714	\$ 0.03030	\$ 7,917,756	\$ (2,042)	\$ 0.00001	275,319,225
R-4	21,733,418	\$ 658,692	\$ 0.03030	\$ 658,523	\$ 170	\$ (0.00001)	22,898,397
R-5	22,456,334	\$ 679,953	\$ 0.03030	\$ 680,427	\$ (474)	\$ 0.00002	23,660,063
R-6	670,382	\$ 20,951	\$ 0.03030	\$ 20,313	\$ 638	\$ (0.00090)	706,317
G-1	1,031,972,762	\$ 31,239,767	\$ 0.03030	\$ 31,268,775	\$ (29,008)	\$ 0.00003	1,087,289,698
G-2	541,324,159	\$ 16,347,450	\$ 0.03030	\$ 16,402,122	\$ (54,672)	\$ 0.00010	570,340,811
G-3	408,215,613	\$ 12,402,920	\$ 0.03030	\$ 12,368,933	\$ 33,987	\$ (0.00008)	430,097,234
G-4	3,484,721	\$ 105,393	\$ 0.03030	\$ 105,587	\$ (194)	\$ 0.00005	3,671,513
G-5	19,325,958	\$ 585,524	\$ 0.03030	\$ 585,577	\$ (53)	\$ 0.00000	20,361,889
G-6	9,286,622	\$ 281,377	\$ 0.03030	\$ 281,385	\$ (8)	\$ 0.00000	9,784,414
G-7	6,672,184	\$ 199,227	\$ 0.03030	\$ 202,167	\$ (2,940)	\$ 0.00042	7,029,834
S-1	17,085,488	\$ 526,954	\$ 0.03030	\$ 517,690	\$ 9,264	\$ (0.00051)	18,001,323
S-2	4,967,339	\$ 150,506	\$ 0.03030	\$ 150,510	\$ (5)	\$ 0.00000	5,233,604
CON SS	29,732,402	\$ 709,424	\$ 0.03030	\$ 900,892	\$ (191,467)	\$ 0.00611	31,326,151
Total	3,992,197,831	\$ 120,688,579		\$ 120,963,594	\$ (275,015)	\$ 0.00007	4,206,192,000

Total in Millions - underpayment = cost in 2004 reconciliation \$ (0.275)

Commonwealth Electric Company				
Calculation of Inflation Multiplier				
Transition Charge Reconciliation Filing				
		CPI	Percentage	
<u>Actual as of:</u>	<u>Inflation for:</u>	<u>Index</u>	<u>Change</u>	<u>Multiplier</u>
31-Jul-97		160.5		
31-Oct-02	Oct-02	181.3		1.1296
30-Nov-02	Nov-02	181.3	0.000%	1.1296
31-Dec-02	Dec-02	180.9	-0.221%	1.1271
31-Jan-03	Jan-03	181.7	0.442%	1.1321
28-Feb-03	Feb-03	183.7	1.101%	1.1445
31-Mar-03	Mar-03	184.2	0.272%	1.1477
30-Apr-03	Apr-03	183.8	-0.217%	1.1452
31-May-03	May-03	183.5	-0.163%	1.1433
30-Jun-03	Jun-03	183.7	0.109%	1.1445
31-Jul-03	Jul-03	183.9	0.109%	1.1458
31-Aug-03	Aug-03	184.6	0.381%	1.1502
30-Sep-03	Sep-03	185.2	0.325%	1.1539
31-Oct-03	Oct-03	185.0	-0.108%	1.1526
<u>Projected</u>				
October 2003 through June 2004		187.5	1.361%	1.168
Notes: 1.	Historical Consumer Price Index - All Urban Consumers (CPI-U) obtained from the Bureau of Labor Statistics.			
2.	Projected CPI growth based on the average of the actual inflation rate for the 12-month period ended October 20023 (185.0-181.3)/181.3 = 2.0408% x 8/12 = 1.3687%			

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
RESIDENTIAL RATE R-1

CUM % BILLS	CUM % KWH	MONTHLY KWH	TOTAL FC & CC	PRE-RAD RATE BASE	TOTAL	PROPOSED RATE SUPPLIER	DELIVERY	DIFFERENCE AMOUNT	DIFFERENCE %
10	2	136	\$26.06	\$10.46	\$22.15	\$6.94	\$15.21	(\$3.91)	-15.0%
20	5	206	36.97	15.84	31.43	10.51	20.92	(5.54)	-15.0%
30	11	276	47.90	21.23	40.71	14.08	26.63	(7.19)	-15.0%
40	17	336	57.26	25.84	48.67	17.14	31.53	(8.59)	-15.0%
50	24	396	66.61	30.45	56.63	20.20	36.43	(9.98)	-15.0%
60	35	476	79.10	36.61	67.24	24.28	42.96	(11.86)	-15.0%
70	44	525	86.74	40.37	73.74	26.78	46.96	(13.00)	-15.0%
80	61	675	110.15	51.91	93.63	34.43	59.20	(16.52)	-15.0%
90	77	875	141.35	67.29	120.15	44.63	75.52	(21.20)	-15.0%
AVG USE		483	80.19	37.14	68.16	24.63	43.53	(12.03)	-15.0%

PRE-RAD RATE

RESIDENTIAL RATE R-1

BASE RATE

CUSTOMER
ENERGY

ALL KWH @ \$4.00 PER BILL
6.772 CENTS/KWH

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

ALL KWH @ 6.500 CENTS/KWH
0.083 PER BILL
\$0.14 PER BILL

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of 16.8%

PROPOSED RATE

RESIDENTIAL RATE R-1 (ANNUAL)

DELIVERY SERVICES:

CUSTOMER	ALL KWH @	\$4.11	PER BILL
DISTRIBUTION	" "	4.806	CENTS/KWH
TRANSITION	" "	2.027	" "
TRANSMISSION	" "	0.710	" "
PENSION ADJ FACTOR	" "	0.076	" "
TRANS RATE ADJ	" "	0.002	" "
DEFAULT SERV ADJ	" "	0.440	" "
DEMAND-SIDE MGT	" "	0.250	" "
RENEWABLE ENERGY	" "	0.050	" "
SUPPLIER SERVICES:			
STANDARD OFFER	ALL KWH @	5.100	CENTS/KWH
SOSFA	" "	0.000	" "

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
RESIDENTIAL SEASONAL RATE R-1

CUM % BILLS	CUM % KWH	WINTER KWH	TOTAL	PRERAD RATE FC & CC	BASE	TOTAL	PROPOSED RATE SUPPLIER	DELIVERY	DIFFERENCE AMOUNT	%
10	2	124	\$30.55	\$9.54	\$21.01	\$25.96	\$6.32	\$19.64	(\$4.59)	-15.0%
20	6	188	39.67	12.92	26.75	33.72	8.57	25.15	(5.95)	-15.0%
30	11	206	47.54	15.84	31.70	40.42	10.51	29.91	(7.12)	-15.0%
40	17	249	56.46	19.15	37.31	47.99	12.70	35.29	(8.47)	-15.0%
50	24	306	68.28	23.53	44.75	58.04	15.61	42.43	(10.24)	-15.0%
60	33	368	81.13	28.30	52.83	68.96	18.77	50.19	(12.17)	-15.0%
70	43	454	98.96	34.91	64.05	84.11	23.15	60.96	(14.85)	-15.0%
80	56	570	123.01	43.83	79.18	104.56	29.07	75.49	(18.45)	-15.0%
90	75	828	176.51	63.68	112.83	150.03	42.23	107.80	(26.48)	-15.0%
AVG USE		393	86.32	30.22	56.10	73.36	20.04	53.32	(12.96)	-15.0%

PRE-RAD RATE

RESIDENTIAL RATE R-1 (SEASONAL)

BASE RATE

CUSTOMER
ENERGY

ALL KWH @

\$4.00 PER BILL
11.165 CENTS/KWH

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

ALL KWH @

6.500 CENTS/KWH
0.083 PER BILL
\$0.14 PER BILL

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

16.8%

PROPOSED RATE

RESIDENTIAL RATE R-1 (SEASONAL)

DELIVERY SERVICES:

CUSTOMER
DISTRIBUTION
TRANSMISSION
PENSION ADJ FACTOR
TRANS RATE ADJ
DEFAULT SERV ADJ
DEMAND-SIDE MGT
RENEWABLE ENERGY

ALL KWH @

\$4.11 PER BILL
8.279 CENTS/KWH
2.027
1.398
0.076
0.002
0.440
0.250
0.050

SUPPLIER SERVICES:
STANDARD OFFER
SOSFA

ALL KWH @

5.100 CENTS/KWH
0.000

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
RESIDENTIAL SEASONAL RATE R-1

CUM % BILLS	CUM % KWH	SUMMER KWH	TOTAL	PRE-RAD RATE FC & CC	BASE	TOTAL	PROPOSED RATE SUPPLIER	DELIVERY	DIFFERENCE AMOUNT	%
10	0	20	\$8.98	\$1.54	\$7.44	\$7.63	\$1.02	\$6.61	(\$1.35)	-15.0%
20	2	63	17.89	4.84	13.05	15.21	3.21	12.00	(2.68)	-15.0%
30	6	99	25.36	7.61	17.75	21.56	5.05	16.51	(3.80)	-15.0%
40	11	133	32.41	10.23	22.18	27.55	6.78	20.77	(4.86)	-15.0%
50	17	168	39.67	12.92	26.75	33.72	8.57	25.15	(5.95)	-15.0%
60	26	207	47.76	15.92	31.84	40.59	10.56	30.03	(7.17)	-15.0%
70	36	256	57.92	19.69	38.23	49.23	13.06	36.17	(8.69)	-15.0%
80	48	328	72.84	25.22	47.62	61.91	16.73	45.18	(10.93)	-15.0%
90	65	468	101.87	35.99	65.88	86.59	23.87	62.72	(15.28)	-15.0%
AVG USE		227	51.90	17.46	34.44	44.12	11.58	32.54	(7.78)	-15.0%

PRE-RAD RATE

RESIDENTIAL RATE R-1 (SEASONAL)

BASE RATE

CUSTOMER
ENERGY

ALL KWH @ \$4.00 PER BILL
11.165 CENTS/KWH

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

ALL KWH @ 6.500 CENTS/KWH
0.083 " "
\$0.14 PER BILL

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

16.8%

PROPOSED RATE

RESIDENTIAL RATE R-1 (SEASONAL)

DELIVERY SERVICES:

CUSTOMER
DISTRIBUTION
TRANSITION
TRANSMISSION
PENSION ADJ FACTOR
TRANS RATE ADJ
DEFAULT SERV ADJ
DEMAND-SIDE MGT
RENEWABLE ENERGY

ALL KWH @ \$4.11
8.279 CENTS/KWH
2.027 " "
1.398 " "
0.076 " "
0.002 " "
0.440 " "
0.250 " "
0.050 " "

SUPPLIER SERVICES:
STANDARD OFFER
SOSFA

ALL KWH @ 5.100 CENTS/KWH
0.000 " "

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
RESIDENTIAL ASSISTANCE RATE R-2

CUM % BILLS	CUM % KWH	MONTHLY KWH	TOTAL	PRE-RAD RATE FC & CC	BASE	TOTAL	PROPOSED RATE SUPPLIER	DELIVERY	DIFFERENCE AMOUNT	DIFFERENCE %
10	3	136	\$19.57	\$10.46	\$9.11	\$16.64	\$6.94	\$9.70	(\$2.93)	-15.0%
20	6	176	24.48	13.53	10.95	20.81	8.98	11.83	(3.87)	-15.0%
30	12	225	30.50	17.30	13.20	25.93	11.48	14.45	(4.57)	-15.0%
40	18	286	35.54	20.46	15.08	30.21	13.57	16.64	(5.33)	-15.0%
50	26	315	41.55	24.22	17.33	35.32	16.07	19.25	(6.23)	-15.0%
60	35	376	49.05	28.92	20.13	41.69	19.18	22.51	(7.36)	-15.0%
70	46	446	57.64	34.30	23.34	48.99	22.75	26.24	(8.85)	-15.0%
80	59	525	67.33	40.37	26.96	57.24	26.78	30.46	(10.09)	-15.0%
90	73	674	85.63	51.83	33.80	72.78	34.37	38.41	(12.85)	-15.0%
AVG USE		387	50.39	29.76	20.63	42.83	19.74	23.09	(7.56)	-15.0%

PRE-RAD RATE

RESIDENTIAL ASSISTANCE RATE R-2

BASE RATE

CUSTOMER
ENERGY

ALL KWH @ \$2.32 PER BILL
3.928 CENTS/KWH

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

ALL KWH @ 6.500 CENTS/KWH
0.083 PER BILL
\$0.14 PER BILL

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

16.8%

PROPOSED RATE

RESIDENTIAL ASSISTANCE RATE R-2 (ANNUAL)

DELIVERY SERVICES:

CUSTOMER	ALL KWH @	\$2.44	PER BILL
DISTRIBUTION	"	1.783	CENTS/KWH
TRANSITION	"	2.027	"
TRANSMISSION	"	0.710	"
PENSION ADJ FACTOR	"	0.078	"
TRANS RATE ADJ	"	0.001	"
DEFAULT SERV ADJ	"	0.440	"
DEMAND-SIDE MGT	"	0.250	"
RENEWABLE ENERGY	"	0.050	"
SUPPLIER SERVICES:			
STANDARD OFFER	ALL KWH @	5.100	CENTS/KWH
SOSFA	"	0.000	"

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
RESIDENTIAL ASSISTANCE SEASONAL RATE R-2

SEASONAL CUM % BILLS	WINTER KWH	PRE-RAD RATE TOTAL	FC & CC	BASE	TOTAL	PROPOSED RATE SUPPLIER	DELIVERY	DIFFERENCE AMOUNT	%
10	2	124	\$9.54	\$12.25	\$18.52	\$6.32	\$12.20	(\$3.27)	-15.0%
20	6	168	12.92	15.58	24.23	8.57	15.66	(4.27)	-15.0%
30	11	206	15.84	18.46	29.16	10.51	18.65	(5.14)	-15.0%
40	17	249	19.15	21.71	34.73	12.70	22.03	(6.13)	-15.0%
50	24	306	23.53	26.02	42.12	15.61	26.51	(7.43)	-15.0%
60	33	368	28.30	30.71	50.16	18.77	31.39	(8.85)	-15.0%
70	43	454	34.91	37.22	61.31	23.15	38.16	(10.82)	-15.0%
80	56	570	43.83	46.00	76.35	29.07	47.28	(13.48)	-15.0%
90	75	828	63.68	65.51	109.81	42.23	67.58	(19.38)	-15.0%
AVG USE	393	62.83	30.22	32.61	53.40	20.04	33.36	(9.43)	-15.0%

PRE-RAD RATE

RESIDENTIAL ASSISTANCE RATE R-2 (Seasonal)

BASE RATE

CUSTOMER
ENERGY

ALL KWH @

\$2.32 PER BILL
6.476 CENTS/KWH

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

ALL KWH @

6.500 CENTS/KWH
0.083 PER BILL
\$0.14 PER BILL

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

16.8%

PROPOSED RATE

RESIDENTIAL ASSISTANCE RATE R-2 (SEASONAL)

DELIVERY SERVICES:

CUSTOMER	ALL KWH @	\$2.44
DISTRIBUTION	" "	3.625
TRANSITION	" "	2.027
TRANSMISSION	" "	1.398
PENSION ADJ FACTOR	" "	0.076
TRANS RATE ADJ	" "	0.001
DEFAULT SERV ADJ	" "	0.440
DEMAND-SIDE MGT	" "	0.250
RENEWABLE ENERGY	" "	0.050
SUPPLIER SERVICES:		
STANDARD OFFER	ALL KWH @	5.100
SOSFA	" "	0.000
		CENTS/KWH

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
RESIDENTIAL ASSISTANCE SEASONAL RATE R-2

SEASONAL CUM % BILLS	CUM % KWH	SUMMER KWH	TOTAL	PRE-RAD RATE FC & CC	BASE	TOTAL	PROPOSED RATE SUPPLIER	DELIVERY	DIFFERENCE AMOUNT	%
10	0	10	\$4.40	\$0.77	\$3.63	\$3.74	\$0.51	\$3.23	(\$0.66)	-15.0%
20	3	88	16.30	6.77	9.53	13.85	4.49	9.36	(2.45)	-15.0%
30	8	130	22.71	10.00	12.71	19.30	6.63	12.67	(3.41)	-15.0%
40	16	220	36.44	16.92	19.52	30.97	11.22	19.75	(5.47)	-15.0%
50	25	230	37.96	17.69	20.27	32.26	11.73	20.53	(5.70)	-15.0%
60	34	250	41.02	19.23	21.79	34.86	12.75	22.11	(6.16)	-15.0%
70	44	270	44.06	20.76	23.30	37.45	13.77	23.68	(6.61)	-15.0%
80	57	340	54.75	26.15	28.60	46.53	17.34	29.19	(8.22)	-15.0%
90	75	480	76.10	36.91	39.19	64.68	24.48	40.20	(11.42)	-15.0%
AVG USE		265	43.30	20.38	22.92	36.81	13.52	23.29	(6.49)	-15.0%

PRE-RAD RATE

RESIDENTIAL ASSISTANCE RATE R-2 (Seasonal)

BASE RATE

CUSTOMER
ENERGY

ALL KWH @ \$2.32 PER BILL
6.476 CENTS/KWH

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

ALL KWH @ 6.500 CENTS/KWH
0.083 PER BILL
\$0.14 PER BILL

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of 16.8%

PROPOSED RATE

RESIDENTIAL ASSISTANCE RATE R-2 (SEASONAL)

DELIVERY SERVICES:

CUSTOMER	ALL KWH @	\$2.44	PER BILL
DISTRIBUTION	" "	3.625	CENTS/KWH
TRANSITION	" "	2.027	" "
TRANSMISSION	" "	1.398	" "
PENSION ADJ FACTOR	" "	0.076	" "
TRANS RATE ADJ	" "	0.001	" "
DEFAULT SERV ADJ	" "	0.440	" "
DEMAND-SIDE MGT	" "	0.250	" "
RENEWABLE ENERGY	" "	0.050	" "
SUPPLIER SERVICES:			
STANDARD OFFER	ALL KWH @	5.100	CENTS/KWH
SOSFA	" "	0.000	" "

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
RESIDENTIAL SPACE HEATING RATE R-3

MONTHLY CUM % BILLS	MONTHLY CUM % KWH	PRE-RAD RATE FC & CC		TOTAL	PROPOSED RATE SUPPLIER		DELIVERY		DIFFERENCE	
		TOTAL	BASE		TOTAL	DELIVERY	AMOUNT	%		
10	1	145	\$11.15	\$32.00	\$27.21	\$19.81	(\$4.79)	-15.0%		
20	3	266	20.46	47.86	40.68	27.11	(7.18)	-15.0%		
30	7	376	28.92	62.27	52.92	33.74	(9.35)	-15.0%		
40	13	486	37.37	76.66	65.17	40.38	(11.49)	-15.0%		
50	19	575	44.22	88.33	75.08	45.75	(13.25)	-15.0%		
60	28	725	55.75	107.97	91.78	54.80	(16.19)	-15.0%		
70	39	925	71.13	134.16	114.05	66.87	(20.11)	-15.0%		
80	52	1,175	90.36	166.91	141.88	81.95	(25.03)	-15.0%		
90	70	1,675	128.81	232.40	197.54	112.11	(34.86)	-15.0%		
AVG USE		919	70.67	133.38	113.37	66.50	(20.01)	-15.0%		

PRE-RAD RATE

RES SPACE HEATING RATE R-3

BASE RATE

CUSTOMER
ENERGY

ALL KWH @ \$11.00 PER BILL
4.629 CENTS/KWH

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

ALL KWH @ 6.500 CENTS/KWH
0.083 PER BILL
\$0.14 PER BILL

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of 16.8%

PROPOSED RATE

RES SPACE HEATING RATE R-3

DELIVERY SERVICES:

CUSTOMER
DISTRIBUTION
TRANSITION
TRANSMISSION
PENSION ADJ FACTOR
TRANS RATE ADJ
DEFAULT SERV ADJ
DEMAND-SIDE MGT
RENEWABLE ENERGY
SUPPLIER SERVICES:
STANDARD OFFER
SOSFA

ALL KWH @ \$11.08 PER BILL
2.544 CENTS/KWH
2.027
0.647
0.076
-0.001
0.440
0.250
0.050
5.100 CENTS/KWH
0.000

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
RES ASSISTANCE SPACE HEATING RATE R-4

MONTHLY CUM % BILLS	MONTHLY CUM % KWH	PRE-RAD RATE		PROPOSED RATE		DIFFERENCE	
		TOTAL	FC & CC	BASE	TOTAL	AMOUNT	%
10	2	\$36.31	\$20.38	\$15.93	\$30.86	\$17.34	-15.0%
20	6	48.22	28.84	19.38	40.99	21.86	-15.0%
30	11	60.13	37.30	22.83	51.11	26.37	-15.0%
40	17	69.98	44.30	25.68	59.48	30.10	-15.0%
50	23	80.59	51.83	28.76	68.49	34.12	-15.0%
60	32	97.05	63.52	33.53	82.49	40.36	-15.0%
70	43	118.70	78.90	39.80	100.89	48.56	-15.0%
80	56	145.77	98.13	47.64	123.90	58.82	-15.0%
90	73	194.38	132.66	61.72	165.22	77.24	-15.0%
AVG USE	1,073	123.79	82.52	41.27	105.21	54.72	-15.0%

PRE-RAD RATE

RES ASSISTANCE SPACE HEATING RATE R-4

BASE RATE

CUSTOMER ENERGY	ALL KWH @	\$6.38 2.685	PER BILL CENTS/KWH
ADJUSTMENTS			
FUEL CHARGE	ALL KWH @	6.500	CENTS/KWH
CONSERVATION CHARGE		0.083	" "
ECS		\$0.14	PER BILL
NOTE (1)	Bill Calculation Under Pre-Rad Rates Have Been Adjusted By An Inflation Factor Of 16.8%		

PROPOSED RATE

RES ASSISTANCE SPACE HEATING RATE R-4

DELIVERY SERVICES:

CUSTOMER DISTRIBUTION	ALL KWH @	\$6.47 0.611	PER BILL CENTS/KWH
TRANSITION	" "	2.027	" "
TRANSMISSION	" "	0.647	" "
PENSION ADJ FACTOR	" "	0.076	" "
TRANS RATE ADJ	" "	0.002	" "
DEFAULT SERV ADJ	" "	0.440	" "
DEMAND-SIDE MGT	" "	0.250	" "
RENEWABLE ENERGY	" "	0.050	" "
SUPPLIER SERVICES:			
STANDARD OFFER	ALL KWH @	5.100	CENTS/KWH
SOSFA	" "	0.000	" "

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
CONTROLLED WATER HEATING RATE R-5

MONTHLY			PRE-RAD RATE		PROPOSED RATE		DIFFERENCE			
CUM % BILLS	CUM % KWH	MONTHLY KWH	TOTAL	FC & CC	BASE	TOTAL	SUPPLIER	DELIVERY	AMOUNT	%
10	0	32	\$4.25	\$2.46	\$1.79	\$3.61	\$1.63	\$1.98	(\$0.64)	-15.1%
20	3	85	11.30	6.54	4.76	9.60	4.34	5.26	(1.70)	-15.0%
30	8	116	15.41	8.92	6.49	13.10	5.92	7.18	(2.31)	-15.0%
40	16	156	20.73	12.00	8.73	17.62	7.96	9.66	(3.11)	-15.0%
50	23	186	24.71	14.30	10.41	21.01	9.49	11.52	(3.70)	-15.0%
60	34	226	30.03	17.38	12.65	25.53	11.53	14.00	(4.50)	-15.0%
70	45	266	35.34	20.46	14.88	30.04	13.57	16.47	(5.30)	-15.0%
80	57	315	41.85	24.22	17.63	35.58	16.07	19.51	(6.27)	-15.0%
90	75	406	53.94	31.22	22.72	45.85	20.71	25.14	(8.09)	-15.0%
AVG USE		220	29.23	16.92	12.31	24.84	11.22	13.62	(4.39)	-15.0%

PRE-RAD RATE

CONT WATER HEATING RATE R-5

BASE RATE

CUSTOMER
ENERGY

ALL KWH @
\$0.00 PER BILL
4.790 CENTS/KWH

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

ALL KWH @
6.500 CENTS/KWH
0.083 PER BILL
\$0.00 PER BILL

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

16.8%

PROPOSED RATE

CONT WATER HEATING RATE R-5

DELIVERY SERVICES:

CUSTOMER
DISTRIBUTION
TRANSITION
TRANSMISSION
PENSION ADJ FACTOR
TRANS RATE ADJ
DEFAULT SERV ADJ
DEMAND-SIDE MGT
RENEWABLE ENERGY

ALL KWH @
\$0.00 PER BILL
2.786 CENTS/KWH
2.027
0.654
0.076
-0.090
0.440
0.250
0.050
ALL KWH @
5.100 CENTS/KWH
0.000

SUPPLIER SERVICES:
STANDARD OFFER
SOSFA

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
RESIDENTIAL TOU RATE R-6

MONTHLY CUM % BILLS	MONTHLY CUM % KWH	PRE-RAD RATE		PROPOSED RATE		DIFFERENCE	
		TOTAL	FC & CC	BASE	TOTAL	DELIVERY	%
10	377	\$59.86	\$28.99	\$30.87	\$50.62	\$31.39	-15.4%
20	473	72.74	36.41	36.33	61.49	37.35	-15.5%
30	627	93.20	48.19	45.01	78.79	46.83	-15.5%
40	727	106.55	55.88	50.67	90.07	53.01	-15.5%
50	869	125.55	66.82	58.73	106.11	61.80	-15.5%
60	974	139.55	74.88	64.67	117.95	68.29	-15.5%
70	1,153	163.49	88.67	74.82	138.17	79.37	-15.5%
80	1,819	252.44	139.89	112.55	213.32	120.55	-15.5%
90	2,344	322.50	180.23	142.27	272.52	152.99	-15.5%
AVG USE	1,174	186.29	90.28	76.01	140.53	80.66	-15.5%

PRE-RAD RATE

RESIDENTIAL TOU RATE R-6

BASE RATE

CUSTOMER

PEAK 15.62% 22.279
OFF-PEAK 84.38% 1.622 CENTS/KWH

CUSTOMER \$8.08 PER BILL
PEAK 15.62% 13.455
OFF-PEAK 84.38% 0.935 CENTS/KWH

PROPOSED RATE

RESIDENTIAL TOU RATE R-6

DELIVERY SERVICES:

CUSTOMER

DISTRIBUTION 15.62% 13.455
TRANSITION 8.639 0.647
TRANSMISSION 0.647 0.076
PENSION ADJ FACTOR 0.076 0.076
TRANS RATE ADJ 0.003 0.003
DEFAULT SERV ADJ 0.000 0.440
DEMAND-SIDE MGT 0.250 0.250
RENEWABLE ENERGY 0.050 0.050

ADJUSTMENTS

FUEL CHARGE 6.500 CENTS/KWH
CONSERVATION CHARGE 0.083 \$0.14 PER BILL
ECS

SUPPLIER SERVICES:
STANDARD OFFER
SOSFA

ALL KWH @ 5.100 CENTS/KWH

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of 16.8%

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
GENERAL RATE G-1

LF = CUM % MONTHLY BILLS	AVERAGE 0.408 MONTHLY KW	MONTHLY KWH	PRE-RAD RATE			PROPOSED RATE			DIFFERENCE	
			TOTAL	FC & CC	BASE	TOTAL	SUPPLIER	DELIVERY	AMOUNT	%
10	0	13	\$9.06	\$1.01	\$8.05	\$7.70	\$0.66	\$7.04	(\$1.36)	-15.0%
20	0	82	19.02	6.36	12.66	16.17	4.16	12.01	(2.85)	-15.0%
30	1	186	34.14	14.48	19.66	29.03	9.47	19.56	(5.11)	-15.0%
40	1	335	55.90	26.17	29.73	47.53	17.11	30.42	(8.37)	-15.0%
50	2	525	83.46	40.97	42.49	70.95	26.78	44.17	(12.51)	-15.0%
60	3	826	127.17	64.44	62.73	108.09	42.12	65.97	(19.08)	-15.0%
70	4	1,275	192.37	99.46	92.91	163.52	65.01	98.51	(28.85)	-15.0%
80	8	2,351	346.85	183.46	163.39	294.83	119.92	174.91	(52.02)	-15.0%
90	17	4,950	669.82	386.23	283.59	569.36	252.46	316.90	(100.46)	-15.0%
AVG USE	7	2,221	329.82	173.27	156.55	280.34	113.25	167.09	(49.48)	-15.0%

PRE-RAD RATE

GENERAL RATE G-1

BASE RATE

CUSTOMER

DEMAND (KW)

ENERGY (KWH)

PROPOSED RATE

GENERAL RATE G-1

DELIVERY SERVICES:

CUSTOMER

DISTRIBUTION (DEMAND)
TRANSMISSION

DISTRIBUTION (ENERGY)
TRANSITION
TRANSMISSION
PENSION ADJ FACTOR
TRANS RATE ADJ
DEFAULT SERV ADJ
DEMAND-SIDE MGT
RENEWABLE ENERGY

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

\$6.10 PER BILL

PER KW
PER KW

CENTS/KWH
CENTS/KWH
CENTS/KWH
CENTS/KWH
CENTS/KWH
CENTS/KWH
CENTS/KWH
CENTS/KWH

SUPPLIER SERVICES:
STANDARD OFFER
SOSFA

5.100 5.100
0.000 0.000
CENTS/KWH
CENTS/KWH

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
GENERAL RATE G-1

LF = CUM % MONTHLY BILLS	HIGH MONTHLY KW	MONTHLY KWH	PRE-RAD RATE			PROPOSED RATE			DIFFERENCE	
			TOTAL	FC & CC	BASE	TOTAL	SUPPLIER	DELIVERY	AMOUNT	%
10	0	13	\$9.06	\$1.01	\$8.05	\$7.70	\$0.66	\$7.04	(\$1.36)	-15.0%
20	0	82	19.02	6.36	12.66	16.17	4.16	12.01	(2.85)	-15.0%
30	1	186	34.14	14.48	19.66	29.03	9.47	19.56	(5.11)	-15.0%
40	1	335	55.90	26.17	29.73	47.53	17.11	30.42	(8.37)	-15.0%
50	1	525	83.46	40.97	42.49	70.95	26.78	44.17	(12.51)	-15.0%
60	2	826	127.17	64.44	62.73	108.09	42.12	65.97	(19.08)	-15.0%
70	3	1,275	192.37	99.46	92.91	163.52	65.01	98.51	(28.85)	-15.0%
80	6	2,351	346.85	183.46	163.39	294.83	119.92	174.91	(62.02)	-15.0%
90	13	4,950	644.59	386.23	258.36	547.92	252.46	295.46	(96.67)	-15.0%
AVG USE	6	2,221	329.82	173.27	156.55	280.34	113.25	167.09	(49.48)	-15.0%

PRE-RAD RATE

GENERAL RATE G-1

BASE RATE

CUSTOMER

DEMAND (KW)

ENERGY (KWH)

ADJUSTMENTS

FUEL CHARGE

CONSERVATION CHARGE

ECS

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

16.8%

PROPOSED RATE

GENERAL RATE G-1

DELIVERY SERVICES:

CUSTOMER

DISTRIBUTION (DEMAND)

TRANSMISSION

DISTRIBUTION (ENERGY)

TRANSITION

TRANSITION

PENSION ADJ FACTOR

TRANS RATE ADJ

DEFAULT SERV ADJ

DEMAND-SIDE MGT

RENEWABLE ENERGY

SUPPLIER SERVICES:

STANDARD OFFER

SOSFA

\$6.10 PER BILL

PER KW

PER KW

CENTS/KWH

CENTS/KWH

CENTS/KWH

CENTS/KWH

CENTS/KWH

CENTS/KWH

CENTS/KWH

CENTS/KWH

CENTS/KWH

CENTS/KWH

CENTS/KWH

CENTS/KWH

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
GENERAL RATE G-1

LF = CUM % MONTHLY BILLS	LOW MONTHLY KW	MONTHLY KWH	PRE-RAD RATE FC & CC		TOTAL	PROPOSED RATE		DIFFERENCE	
								AMOUNT	%
10	0	13	\$9.06	\$1.01	\$8.05	\$7.70	\$0.66	(\$1.38)	-15.0%
20	0	82	19.02	6.36	12.66	16.17	4.16	(2.85)	-15.0%
30	1	186	34.14	14.48	19.66	29.03	9.47	(5.11)	-15.0%
40	1	335	55.90	26.17	29.73	47.53	17.11	(8.37)	-15.0%
50	2	525	83.46	40.97	42.49	70.95	26.78	(12.51)	-15.0%
60	4	826	127.17	64.44	62.73	108.09	42.12	(19.08)	-15.0%
70	6	1,275	192.37	99.46	92.91	163.52	65.01	(28.85)	-15.0%
80	10	2,351	348.85	183.46	163.39	294.83	119.92	(52.02)	-15.0%
90	22	4,950	701.38	386.23	315.13	596.16	252.46	(105.20)	-15.0%
AVG USE	10	2,221	329.82	173.27	156.55	280.34	113.25	(49.48)	-15.0%

PRE-RAD RATE

GENERAL RATE G-1

BASE RATE

CUSTOMER

DEMAND (KW)

ENERGY (KWH)

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

PROPOSED RATE

GENERAL RATE G-1

DELIVERY SERVICES:

CUSTOMER

DEMAND (KW)

ENERGY (KWH)

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
GENERAL RATE G-1 (SEASONAL)

LF = CUM % BILLS	AVERAGE 0.248 WINTER KW	KWH	PRE-RAD RATE		TOTAL	PROPOSED RATE		DIFFERENCE	
			TOTAL	FC & CC		SUPPLIER	DELIVERY	AMOUNT	%
10	0	0	\$7.17	\$0.00	\$7.17	\$6.10	\$6.10	(\$1.07)	-14.9%
20	0	0	7.17	0.00	7.17	6.10	6.10	(1.07)	-14.9%
30	0	0	7.17	0.00	7.17	6.10	6.10	(1.07)	-14.9%
40	0	0	7.17	0.00	7.17	6.10	6.10	(1.07)	-14.9%
50	0	7	8.52	0.55	7.97	7.25	6.89	(1.27)	-14.9%
60	0	47	16.22	3.67	12.55	13.79	11.39	(2.43)	-15.0%
70	1	140	34.12	10.92	23.20	29.01	21.87	(5.11)	-15.0%
80	2	377	79.76	29.42	50.34	67.80	48.57	(11.96)	-15.0%
90	6	1,009	201.44	78.73	122.71	171.23	119.77	(30.21)	-15.0%
AVG USE	5	876	175.83	68.35	107.48	149.47	104.79	(26.36)	-15.0%

PRE-RAD RATE

GENERAL RATE G-1 (SEASONAL)

BASE RATE

CUSTOMER	PER BILL	
	FIRST 10	OVER 10
DEMAND (KW)	\$0.00	\$4.79
ENERGY (KWH)	< 1800 KWH	> 1800 KWH
	9.802	4.041
		CENTS/KWH

ADJUSTMENTS

FUEL CHARGE	6.500	CENTS/KWH
CONSERVATION CHARGE	0.179	" "
ECS	\$0.14	PER BILL

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

16.8%

PROPOSED RATE

GENERAL RATE G-1 (SEASONAL)

DELIVERY SERVICES:

CUSTOMER	PER BILL	
	FIRST 10	OVER 10
DISTRIBUTION (DEMAND)	\$0.00	\$4.76
TRANSMISSION	\$0.00	\$0.00
DISTRIBUTION (ENERGY)	< 1800 KWH	> 1800 KWH
TRANSITION	7.487	1.766
TRANSMISSION	2.027	2.027
PENSION ADJ FACTOR	0.933	" "
TRANS RATE ADJ	0.076	0.078
DEFAULT SERV ADJ	0.003	0.003
DEMAND-SIDE MGT	0.440	" "
RENEWABLE ENERGY	0.250	0.250
	0.050	0.050
SUPPLIER SERVICES:		
STANDARD OFFER	5.100	CENTS/KWH
SOSFA	0.000	" "

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
GENERAL RATE G-1 (SEASONAL)

LF = CUM % BILLS	AVERAGE 0.248 SUMMER KW	PRE-RAD RATE		PROPOSED RATE		DIFFERENCE	
		TOTAL	FC & CC	BASE	TOTAL	DELIVERY	%
10	0	\$7.17	\$0.00	\$7.17	\$6.10	\$0.00	-14.9%
20	0	11.79	1.87	9.92	10.02	1.22	-15.0%
30	1	26.81	7.96	18.85	22.79	5.20	-15.0%
40	1	53.00	18.57	34.43	45.05	12.14	-15.0%
50	2	93.04	34.80	58.24	79.09	22.75	-15.0%
60	4	152.54	58.91	93.63	129.67	38.51	-15.0%
70	7	248.99	98.00	150.99	211.66	64.08	-15.0%
80	13	428.74	176.72	252.02	364.46	115.52	-15.0%
90	28	862.96	394.96	468.00	733.59	258.16	-15.0%
AVG USE	6	214.92	84.19	130.73	182.69	55.03	-15.0%

PRE-RAD RATE

GENERAL RATE G-1 (SEASONAL)

BASE RATE

CUSTOMER	PER BILL	
	FIRST 10	OVER 10
DEMAND (KW)	\$0.00	\$4.79
ENERGY (KWH)	< 1800 KWH	> 1800 KWH
	9.802	4.041
		CENTS/KWH

ADJUSTMENTS

FUEL CHARGE	6.500	CENTS/KWH
CONSERVATION CHARGE	0.179	" "
ECS	\$0.14	PER BILL

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

16.8%

PROPOSED RATE

GENERAL RATE G-1 (SEASONAL)

DELIVERY SERVICES:

CUSTOMER	PER BILL	
	FIRST 10	OVER 10
DISTRIBUTION (DEMAND)	\$0.00	\$4.76
DISTRIBUTION (DEMAND)	\$0.00	\$0.00
DISTRIBUTION (ENERGY)	< 1800 KWH	> 1800 KWH
TRANSITION	7.487	1.766
TRANSMISSION	2.027	" "
PENSION ADJ FACTOR	0.933	" "
TRANS RATE ADJ	0.076	" "
DEFAULT SERV ADJ	0.003	" "
DEMAND-SIDE MGT	0.440	" "
RENEWABLE ENERGY	0.250	" "
	0.050	" "
SUPPLIER SERVICES:		
STANDARD OFFER	5.100	CENTS/KWH
SOSFA	0.000	" "

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
MEDIUM GENERAL TOU RATE G-2 (SECONDARY)

LF = CUM % BILLS	AVERAGE 0.512 MONTHLY		PRE-RAD RATE		PROPOSED RATE			DIFFERENCE		
	KVA	KWH	TOTAL	FC & CC	BASE	TOTAL	SUPPLIER	DELIVERY	AMOUNT	%
	100	37,403	\$4,752	\$2,948	\$1,804	\$4,037	\$1,908	\$2,129	(\$715)	-15.1%
	150	56,105	6,895	4,422	2,473	5,857	2,861	2,995	(1,038.01)	-15.1%
	200	74,807	9,037	5,896	3,141	7,677	3,815	3,862	(1,360.65)	-15.1%
	250	93,508	11,180	7,370	3,810	9,496	4,769	4,728	(1,683.28)	-15.1%
	300	112,210	13,322	8,844	4,478	11,316	5,723	5,594	(2,005.92)	-15.1%
	350	130,912	15,465	10,318	5,146	13,136	6,677	6,460	(2,328.55)	-15.1%
	400	149,613	17,607	11,792	5,815	14,956	7,630	7,326	(2,651.18)	-15.1%
	450	168,315	19,750	13,266	6,483	16,776	8,584	8,192	(2,973.81)	-15.1%
	500	187,017	21,892	14,740	7,152	18,596	9,538	9,058	(3,296.45)	-15.1%
AVG. USE	272	101,737	12,122	8,019	4,104	10,297	5,189	5,109	(1,825.23)	-15.1%

PRE-RAD RATE

MEDIUM GENERAL TOU RATE G-2 (SECONDARY)

BASE RATE

CUSTOMER

\$400.00 PER BILL

DEMAND (KVA)

\$3.11 PER KW

ENERGY (KWH)

PEAK	LOW A	LOW B
27.08%	26.80%	46.12%
2,728	2,413	1,827
		CENTS/KWH

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

6,500	6,500	6,500
0.247	0.247	0.247
		\$0.14
		PER BILL

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

16.8%

PROPOSED RATE

MEDIUM GENERAL TOU RATE G-2 (SECONDARY)

DELIVERY SERVICES:

CUSTOMER

\$397.33 PER BILL

DISTRIBUTION (DEMAND)
TRANSMISSION (DEMAND)

\$0.64 PER KW
\$2.42

PEAK	LOW A	LOW B
27.08%	26.80%	46.12%
1,456	1,143	0,561
		CENTS/KWH
DISTRIBUTION (ENERGY)		
TRANSITION	2,027	2,027
TRANSMISSION	0,000	0,000
PENSION ADJ FACTOR	0,076	0,076
TRANS RATE ADJ	0,010	0,010
DEFAULT SERV ADJ	0,440	0,440
DEMAND-SIDE MGT	0,250	0,250
RENEWABLE ENERGY	0,050	0,050
SUPPLIER SERVICES:		
STANDARD OFFER	5,100	5,100
SOSA	0,000	0,000
		CENTS/KWH

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
MEDIUM GENERAL TOU RATE G-2 (SECONDARY)

LF = CUM % BILLS	HIGH 0.712 MONTHLY KVA	PRE-RAD RATE		PROPOSED RATE		DIFFERENCE	
		TOTAL	FC & CC	BASE	TOTAL	DELIVERY	AMOUNT %
	100	51,976	\$4,097	\$2,184	\$5,336	\$2,651	\$2,685
	150	77,964	6,145	3,042	7,805	3,976	3,829
	200	103,952	8,193	3,900	10,274	5,302	4,972
	250	129,940	10,242	4,758	12,743	6,827	6,116
	300	155,928	12,290	5,616	15,212	7,952	7,260
	350	181,916	14,338	6,474	17,682	9,278	8,404
	400	207,904	16,387	7,332	20,151	10,603	9,548
	450	233,892	18,435	8,190	22,620	11,928	10,691
	500	259,880	20,483	9,048	25,089	13,254	11,835
AVG USE	272	141,375	11,143	5,135	13,830	7,210	6,620

PRE-RAD RATE

MEDIUM GENERAL TOU RATE G-2 (SECONDARY)

BASE RATE

CUSTOMER

\$400.00 PER BILL

DEMAND (KVA)

\$3.11 PER KW

ENERGY (KWH)

PEAK	LOW A	LOW B
27.08%	26.80%	46.12%
2.728	2.413	1.827

CENTS/KWH

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

6.500 CENTS/KWH
0.247
\$0.14 PER BILL

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

16.8%

PROPOSED RATE

MEDIUM GENERAL TOU RATE G-2 (SECONDARY)

DELIVERY SERVICES:

CUSTOMER

\$397.33 PER BILL

DISTRIBUTION (DEMAND)

\$0.64 PER KW

TRANSMISSION (DEMAND)

\$2.42

PEAK	LOW A	LOW B
27.08%	26.80%	46.12%
1.456	1.143	0.561

CENTS/KWH

DISTRIBUTION (ENERGY)

TRANSITION

2.027

TRANSMISSION

0.000

PENSION ADJ FACTOR

0.076

TRANS RATE ADJ

0.010

DEFAULT SERV ADJ

0.000

DEMAND-SIDE MGT

0.250

RENEWABLE ENERGY

0.050

SUPPLIER SERVICES:

5.100 CENTS/KWH

STANDARD OFFER

0.000

SOSFA

0.000

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
MEDIUM GENERAL TOU RATE G-2 (SECONDARY)

LF = CUM % BILLS	LOW 0.312 MONTHLY KVA	MONTHLY KWH	TOTAL	PRE-RAD RATE FC & CC	BASE	TOTAL	PROPOSED RATE SUPPLIER	DELIVERY	DIFFERENCE AMOUNT	%
	100	22,776	\$3,219	\$1,795	\$1,424	\$2,733	\$1,162	\$1,572	(\$485)	-15.1%
	150	34,164	4,594	2,693	1,902	3,901	1,742	2,159	(692.95)	-15.1%
	200	45,552	5,970	3,590	2,380	5,069	2,323	2,746	(900.56)	-15.1%
	250	56,940	7,346	4,488	2,858	6,238	2,904	3,334	(1,108.16)	-15.1%
	300	68,328	8,721	5,386	3,336	7,406	3,485	3,921	(1,315.78)	-15.1%
	350	79,716	10,097	6,283	3,814	8,574	4,066	4,508	(1,523.38)	-15.1%
	400	91,104	11,473	7,181	4,292	9,742	4,646	5,095	(1,731.00)	-15.1%
	450	102,492	12,848	8,078	4,770	10,910	5,227	5,683	(1,938.61)	-15.1%
	500	113,880	14,224	8,976	5,248	12,078	5,808	6,270	(2,146.23)	-15.1%
AVG USE	272	61,951	7,951	4,883	3,068	6,751	3,160	3,592	(1,199.51)	-15.1%

PRE-RAD RATE

MEDIUM GENERAL TOU RATE G-2 (SECONDARY)

BASE RATE

CUSTOMER

DEMAND (KVA)

ENERGY (KWH)

\$400.00 PER BILL

\$3.11 PER KW

PEAK	LOW A	LOW B	CENTS/KWH
27.08%	26.80%	46.12%	
2.728	2.413	1.827	

ADJUSTMENTS

FUEL CHARGE

CONSERVATION CHARGE

ECS

6.500	6.500	6.500	CENTS/KWH
0.247	0.247	0.247	"
"	"	"	"
\$0.14	\$0.14	\$0.14	PER BILL

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of 16.8%

PROPOSED RATE

MEDIUM GENERAL TOU RATE G-2 (SECONDARY)

DELIVERY SERVICES:

CUSTOMER

\$397.33 PER BILL

DISTRIBUTION (DEMAND)
TRANSMISSION (DEMAND)

\$0.64 PER KW
\$2.42

PEAK	LOW A	LOW B	CENTS/KWH
27.08%	26.80%	46.12%	
1.456	1.143	0.561	
2.027	2.027	2.027	"
0.000	0.000	0.000	"
0.076	0.076	0.076	"
0.010	0.010	0.010	"
0.010	0.010	0.010	"
0.440	0.000	0.000	"
0.250	0.250	0.250	"
0.050	0.050	0.050	"
5.100	5.100	5.100	CENTS/KWH
0.000	0.000	0.000	"

SUPPLIER SERVICES:
STANDARD OFFER
SOSFA

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
LARGE GENERAL TOU RATE G-3 (SECONDARY)

LF = CUM % BILLS	AVERAGE 0.521 MONTHLY KVA	KWH	PRE-RAD RATE FC & CC		PROPOSED RATE		DIFFERENCE	
			TOTAL	BASE	TOTAL	DELIVERY	AMOUNT	%
	2400	912,792	\$100,819	\$71,945	\$85,959	\$39,407	(\$14,860)	-14.7%
	2800	1,064,924	117,428	83,936	100,120	45,809	(\$17,308)	-14.7%
	3200	1,217,056	134,036	95,926	114,281	52,211	(\$19,755)	-14.7%
	3600	1,369,188	150,645	107,917	128,442	58,613	(\$22,203)	-14.7%
	4000	1,521,320	167,253	119,908	142,603	65,015	(\$24,650)	-14.7%
	4400	1,673,452	183,862	131,899	156,764	71,418	(\$27,098)	-14.7%
	4800	1,825,584	200,470	143,890	170,925	77,820	(\$29,545)	-14.7%
	5200	1,977,716	217,079	155,881	185,086	84,222	(\$31,993)	-14.7%
	6000	2,281,980	250,296	179,862	213,408	97,027	(\$36,888)	-14.7%
AVG USE	4162	1,582,933	173,980	124,764	148,338	67,808	(\$25,642)	-14.7%

PRE-RAD RATE

LARGE GENERAL TOU RATE G-3 (SECONDARY)

BASE RATE

CUSTOMER

DEMAND (KVA)

ENERGY (KWH)

PROPOSED RATE

LARGE GENERAL TOU RATE G-3 (SECONDARY)

DELIVERY SERVICES:

CUSTOMER

DISTRIBUTION (DEMAND)
TRANSMISSION (DEMAND)
TRANSITION (DEMAND)

DISTRIBUTION (ENERGY)
TRANSMISSION
TRANSITION
PENSION ADJ FACTOR
TRANS RATE ADJ
DEFAULT SERV ADJ
DEMAND-SIDE MGT
RENEWABLE ENERGY

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

Cornel_Model_04.xls

\$983.11 PER BILL

\$1.09 PER KW
\$1.86
\$2.56

PEAK	LOW A	LOW B
25.93%	26.06%	48.02%
1.683	1.368	0.781
0.740	0.513	0.012
1.723	1.637	1.555
0.000	0.000	0.000
0.076	0.076	0.076
-0.008	-0.008	-0.008
0.440	0.440	0.440
0.250	0.250	0.250
0.050	0.050	0.050
5.100	5.100	5.100
0.000	0.000	0.000

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
LARGE GENERAL TOU RATE G-3 (SECONDARY)

LF = CUM % BILLS	HIGH 0.721 MONTHLY KVA	PRE-RAD RATE		PROPOSED RATE		DIFFERENCE	
		TOTAL	FC & CC	BASE	TOTAL	SUPPLIER	DELIVERY
						AMOUNT	%
	2400	1,263,192	\$99,563	\$33,655	\$113,499	\$64,423	\$49,076
	2800	1,473,724	116,157	39,070	132,250	75,160	57,090
	3200	1,684,256	132,750	44,484	151,001	85,897	65,104
	3600	1,894,788	149,344	49,899	169,752	96,634	73,118
	4000	2,105,320	165,938	55,313	188,503	107,371	81,131
	4400	2,315,852	182,532	60,728	207,254	118,108	89,145
	4800	2,526,384	199,126	66,142	226,005	128,846	97,159
	5200	2,736,916	215,719	71,557	244,756	139,583	105,173
	6000	3,157,980	248,907	82,385	282,258	161,057	121,201
AVG. USE	4162	2,190,585	172,659	57,506	196,097	111,720	84,377

PRE-RAD RATE

LARGE GENERAL TOU RATE G-3 (SECONDARY)

BASE RATE

CUSTOMER

DEMAND (KVA)

ENERGY (KWH)

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

PROPOSED RATE

LARGE GENERAL TOU RATE G-3 (SECONDARY)

DELIVERY SERVICES:

CUSTOMER

DISTRIBUTION (DEMAND)
TRANSMISSION (DEMAND)
TRANSITION (DEMAND)

	PEAK	LOW A	LOW B	PEAK	LOW A	LOW B
	25.93%	26.06%	48.02%	25.93%	26.06%	48.02%
DISTRIBUTION (ENERGY)	1.683	1.368	0.781	0.740	0.513	0.012
TRANSMISSION				1.723	1.637	1.555
PENSION ADJ FACTOR				0.000	0.000	0.000
TRANS RATE ADJ				0.076	0.076	0.076
DEFAULT SERV ADJ				-0.008	-0.008	-0.008
DEMAND-SIDE MGT				0.440	0.440	0.440
RENEWABLE ENERGY				0.250	0.250	0.250
SUPPLIER SERVICES:				0.050	0.050	0.050
STANDARD OFFER				5.100	5.100	5.100
SOSFA				0.000	0.000	0.000

\$1,000.00 PER BILL

\$5.44 PER KW

1.683 1.368 0.781 CENTS/KWH

6.500 CENTS/KWH
0.247
\$0.14 PER BILL

\$993.11 PER BILL

\$1.09 PER KW
\$1.86
\$2.56

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
LARGE GENERAL TOU RATE G-3 (SECONDARY)

LF = CUM % BILLS	LOW 0.321 MONTHLY KVA	KWH	PRE-RAD RATE FC & CC		PROPOSED RATE		DIFFERENCE	
			TOTAL	BASE	TOTAL	DELIVERY	AMOUNT	%
	2400	562,392	\$68,420	\$44,327	\$58,419	\$29,737	(\$10,002)	-14.6%
	2800	656,124	79,629	51,715	67,990	33,462	(\$11,639)	-14.6%
	3200	749,856	90,838	59,102	77,561	39,318	(\$13,277)	-14.6%
	3600	843,588	102,046	66,490	87,132	43,023	(\$14,915)	-14.6%
	4000	937,320	113,255	73,878	96,703	47,803	(\$16,552)	-14.6%
	4400	1,031,052	124,464	81,266	106,274	52,584	(\$18,190)	-14.6%
	4800	1,124,784	135,673	88,654	115,845	57,364	(\$19,828)	-14.6%
	5200	1,218,516	146,881	96,042	125,416	62,144	(\$21,466)	-14.6%
	6000	1,405,980	169,299	110,817	144,557	71,705	(\$24,741)	-14.6%
AVG USE	4162	975,281	117,795	76,870	100,579	49,739	(\$17,216)	-14.6%

PRE-RAD RATE

LARGE GENERAL TOU RATE G-3 (SECONDARY)

BASE RATE

CUSTOMER

DEMAND (KVA)

ENERGY (KWH)

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

PROPOSED RATE

LARGE GENERAL TOU RATE G-3 (SECONDARY)

DELIVERY SERVICES:

CUSTOMER

DISTRIBUTION (DEMAND)
TRANSMISSION (DEMAND)
TRANSITION (DEMAND)

DISTRIBUTION (ENERGY)
TRANSMISSION
TRANSITION

PENSION ADJ FACTOR

TRANS RATE ADJ

DEFAULT SERV ADJ

DEMAND-SIDE MGT

RENEWABLE ENERGY

SUPPLIER SERVICES:
STANDARD OFFER
SOSFA

\$1,000.00 PER BILL

\$5.44 PER KW

PEAK 25.93% 1.683
LOW A 26.06% 1.368
LOW B 48.02% 0.761
CENTS/KWH

\$993.11 PER BILL

\$1.09 PER KW
\$1.86
\$2.56

PEAK 25.93% 0.740
LOW A 26.06% 0.513
LOW B 48.02% 0.012
CENTS/KWH

1.723 1.637 1.555

0.000 0.000 0.000

0.076 0.076 0.076

-0.008 -0.008 -0.008

0.440 0.440 0.440

0.250 0.250 0.250

0.050 0.050 0.050

5.100 5.100 5.100

0.000 0.000 0.000

0.000 0.000 0.000

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
GENERAL POWER RATE G-4

LF = CUM % BILLS	AVERAGE 0.225 MONTHLY KVA	KWH	PRE-RAD RATE		PROPOSED RATE		DIFFERENCE	
			TOTAL	FC & CC	BASE	TOTAL	DELIVERY	%
10	11	1,790	\$243.94	\$139.66	\$104.28	\$207.33	\$91.29	\$116.04
20	14	2,260	306.43	176.32	130.11	260.44	115.25	145.19
30	22	3,555	477.88	277.38	200.50	406.15	181.31	224.84
40	27	4,443	593.91	346.64	247.27	504.77	228.58	278.19
50	32	5,341	711.18	416.75	294.43	604.42	272.40	332.02
60	46	7,535	1,002.97	587.94	415.03	852.42	384.30	468.12
70	57	9,456	1,254.61	737.82	516.79	1,066.29	482.27	584.02
80	77	12,681	1,681.75	989.45	692.30	1,429.32	646.75	782.57
90	111	18,255	2,418.24	1,424.33	993.91	2,055.26	931.01	1,124.25
AVG USE	53	8,656	1,151.56	675.38	476.18	978.71	441.46	537.25

PRE-RAD RATE

GENERAL POWER RATE G-4

DELIVERY SERVICES:

CUSTOMER

\$6.00 PER BILL

\$6.10 PER BILL

DEMAND (KW)

\$2.61 PER KW

\$1.45 PER KW
\$1.14

ENERGY

ALL KWH @ 3.040 CENTS/KWH

1.404 CENTS/KWH

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

6.500 CENTS/KWH
0.179
\$0.14 PER BILL

DISTRIBUTION (ENERGY) ALL KWH @
TRANSITION
TRANSMISSION (ENERGY)
PENSION ADJ FACTOR
TRANS RATE ADJ
DEFAULT SERV ADJ
DEMAND-SIDE MGT
RENEWABLE ENERGY
SUPPLIER SERVICES:
STANDARD OFFER
SOSFA

2.027
0.303
0.076
0.000
0.440
0.250
0.050
5.100 CENTS/KWH
0.000

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

16.8%

PROPOSED RATE

GENERAL POWER RATE G-4

DELIVERY SERVICES:

CUSTOMER

\$6.10 PER BILL

DISTRIBUTION (DEMAND)
TRANSMISSION (DEMAND)

\$1.45 PER KW
\$1.14

DISTRIBUTION (ENERGY) ALL KWH @
TRANSITION
TRANSMISSION (ENERGY)
PENSION ADJ FACTOR
TRANS RATE ADJ
DEFAULT SERV ADJ
DEMAND-SIDE MGT
RENEWABLE ENERGY

1.404 CENTS/KWH
2.027
0.303
0.076
0.000
0.440
0.250
0.050

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
GENERAL POWER RATE G-4

LF = CUM % BILLS	HIGH 0.325 MONTHLY KVA	PRE-RAD RATE		PROPOSED RATE		DIFFERENCE	
		TOTAL	FC & CC	BASE	TOTAL	AMOUNT	%
10	8	1,790	\$139.66	\$95.13	\$199.56	\$91.29	\$108.27
20	10	2,260	176.32	117.92	250.08	115.25	134.83
30	15	3,555	277.38	179.16	388.02	181.31	206.71
40	19	4,443	346.64	222.88	484.05	226.58	257.47
50	23	5,341	416.75	266.99	581.11	272.40	308.71
60	32	7,535	587.94	372.35	816.16	384.30	431.86
70	40	9,456	737.82	464.96	1,022.26	482.27	539.99
80	53	12,681	989.45	619.13	1,367.16	646.75	720.41
90	77	18,255	1,424.33	890.24	1,967.20	931.01	1,036.19
AVG. USE	36	8,656	675.38	424.34	934.88	441.46	493.22

PRE-RAD RATE

GENERAL POWER RATE G-4

DELIVERY SERVICES:

CUSTOMER

\$8.00 PER BILL

CUSTOMER

\$6.10 PER BILL

DEMAND (KW)

\$2.61 PER KW

DISTRIBUTION (DEMAND)
TRANSMISSION (DEMAND)

\$1.45 PER KW
\$1.14

ENERGY

ALL KWH @ 3.040 CENTS/KWH

DISTRIBUTION (ENERGY) ALL KWH @
TRANSITION " "
TRANSMISSION (ENERGY) " "
PENSION ADJ FACTOR " "
TRANS RATE ADJ " "
DEFAULT SERV ADJ " "
DEMAND-SIDE MGT " "
RENEWABLE ENERGY " "

1.404 CENTS/KWH
2.027 " "
0.303 " "
0.076 " "
0.000 " "
0.440 " "
0.250 " "
0.050 " "

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

6.500 CENTS/KWH
0.179 " "
\$0.14 PER BILL

SUPPLIER SERVICES:
STANDARD OFFER
SOSFA

5.100 CENTS/KWH
0.000

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

16.8%

PROPOSED RATE

GENERAL POWER RATE G-4

DELIVERY SERVICES:

CUSTOMER

\$6.10 PER BILL

DISTRIBUTION (DEMAND)
TRANSMISSION (DEMAND)

\$1.45 PER KW
\$1.14

DISTRIBUTION (ENERGY) ALL KWH @
TRANSITION " "
TRANSMISSION (ENERGY) " "
PENSION ADJ FACTOR " "
TRANS RATE ADJ " "
DEFAULT SERV ADJ " "
DEMAND-SIDE MGT " "
RENEWABLE ENERGY " "

1.404 CENTS/KWH
2.027 " "
0.303 " "
0.076 " "
0.000 " "
0.440 " "
0.250 " "
0.050 " "

SUPPLIER SERVICES:
STANDARD OFFER
SOSFA

5.100 CENTS/KWH
0.000

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
GENERAL POWER RATE G-4

LF # CUM % BILLS	LOW 0.125 MONTHLY KVA	KWH	PRE-RAD RATE FC & CC		PROPOSED RATE		DIFFERENCE	
			TOTAL	BASE	TOTAL	SUPPLIER DELIVERY	AMOUNT	%
10	20	1,790	\$271.38	\$139.66	\$230.64	\$91.29 \$139.35	(\$40.74)	-15.0%
20	25	2,260	339.97	176.32	288.93	115.25 173.68	(\$51)	-15.0%
30	39	3,555	529.71	277.38	450.18	181.31 268.87	(\$80)	-15.0%
40	49	4,443	660.99	346.64	561.75	226.58 335.17	(\$99)	-15.0%
50	59	5,341	793.50	416.75	674.35	272.40 401.95	(\$119)	-15.0%
60	83	7,535	1,115.79	587.94	948.25	384.30 563.95	(\$168)	-15.0%
70	104	9,456	1,397.91	737.82	1,188.02	482.27 705.75	(\$210)	-15.0%
80	139	12,681	1,870.79	989.45	1,589.90	646.75 943.15	(\$281)	-15.0%
90	200	18,255	2,689.60	1,424.33	2,285.77	931.01 1,354.76	(\$404)	-15.0%
AVG USE	95	8,656	1,279.61	675.38	1,087.49	441.46 646.03	(\$192)	-15.0%

PRE-RAD RATE

GENERAL POWER RATE G-4

DELIVERY SERVICES:

CUSTOMER

\$6.00 PER BILL

\$6.10 PER BILL

DEMAND (KW)

\$2.61 PER KW

\$1.45 PER KW
\$1.14

ENERGY

ALL KWH @ 3.040 CENTS/KWH

1.404 CENTS/KWH
2.027
0.303
0.076
0.000
0.440
0.250
0.050

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

6.500 CENTS/KWH
0.179
\$0.14 PER BILL

DISTRIBUTION (ENERGY) ALL KWH @
TRANSMISSION (ENERGY)
PENSION ADJ FACTOR
TRANS RATE ADJ
DEFAULT SERV ADJ
DEMAND-SIDE MGT
RENEWABLE ENERGY
SUPPLIER SERVICES:
STANDARD OFFER
SOSFA

5.100 CENTS/KWH
0.000

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

16.8%

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
COMMERCIAL SPACE HEATING RATE G-5

CUM % BILLS	CUM % KWH	MONTHLY KWH	PRE-RAD RATE FC & CC		PROPOSED RATE		DIFFERENCE	
			TOTAL	BASE	TOTAL	DELIVERY	AMOUNT	%
10	0	0	\$7.01	\$0.00	\$5.96	\$0.00	-\$1.05	-15.0%
20	0	24	10.31	1.80	8.77	1.21	-\$1.54	-14.9%
30	0	84	18.64	6.34	15.85	4.26	-\$2.79	-15.0%
40	2	185	32.74	14.03	27.83	9.42	-\$4.91	-15.0%
50	3	316	50.95	23.96	43.32	16.10	-\$7.83	-15.0%
60	6	496	76.13	37.69	64.72	25.32	-\$11.41	-15.0%
70	12	828	122.30	62.87	103.96	42.23	-\$18.34	-15.0%
80	21	1,428	205.89	108.45	175.00	72.84	-\$30.89	-15.0%
90	37	2,852	404.19	216.58	343.56	145.47	-\$60.63	-15.0%
AVG USE		1,573	226.05	119.44	192.13	80.22	-\$33.92	-15.0%

PRE-RAD RATE

COMMERCIAL SPACE HEATING RATE G-5

BASE RATE

CUSTOMER

\$6.00 PER BILL

CUSTOMER

\$5.96 PER BILL

PROPOSED RATE

COMMERCIAL SPACE HEATING RATE G-5

DELIVERY SERVICES:

ENERGY

ALL KWH @

5.420 CENTS/KWH

DISTRIBUTION (ENERGY) ALL KWH @

3.179 CENTS/KWH

ADJUSTMENTS

FUEL CHARGE
CONSERVATION CHARGE
ECS

6.500 CENTS/KWH
0.000
\$0.00 PER BILL

SUPPLIER SERVICES:
STANDARD OFFER
SOSFA

5.100 CENTS/KWH
0.000

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

16.8%

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
ALL ELECTRIC SCHOOLS RATE G-6

CUM % BILLS	CUM % KWH	MONTHLY KWH	PRE-RAD RATE		PROPOSED RATE		DIFFERENCE	
			TOTAL	FC & CC	BASE	TOTAL	DELIVERY	%
10	1	7,440	\$875	\$586	\$288	\$744	\$364	-15.0%
20	3	18,000	2,066	1,419	648	1,756	838	-15.0%
30	5	30,000	3,420	2,365	1,056	2,907	1,377	-15.0%
40	10	38,160	4,341	3,008	1,333	3,690	1,744	-15.0%
50	15	44,340	5,038	3,495	1,544	4,283	2,021	-15.0%
60	27	54,081	6,138	4,263	1,875	5,217	2,758	-15.0%
70	33	63,240	7,171	4,984	2,187	6,095	3,225	-15.0%
80	43	95,220	10,779	7,505	3,274	9,163	4,856	-15.0%
90	65	125,370	14,182	9,881	4,300	12,054	6,394	-15.0%
AVG. USE		101,797	11,522	8,023	3,498	9,793	5,192	-15.0%

PRE-RAD RATE

ALL ELECTRIC SCHOOLS RATE G-6

BASE RATE

CUSTOMER

\$30.00 PER BILL

\$29.93 PER BILL

PROPOSED RATE

ALL ELECTRIC SCHOOLS RATE G-6

DELIVERY SERVICES:

CUSTOMER

ENERGY ALL KWH @

2.912 CENTS/KWH

DISTRIBUTION (ENERGY) ALL KWH @

1.057 CENTS/KWH

TRANSITION " "

2.027 " "

TRANSMISSION (ENERGY) " "

0.591 " "

PENSION ADJ FACTOR " "

0.078 " "

TRANS RATE ADJ " "

0.000 " "

DEFAULT SERV ADJ " "

0.440 " "

DEMAND-SIDE MGT " "

0.250 " "

RENEWABLE ENERGY " "

0.050 " "

ADJUSTMENTS

FUEL CHARGE

6.500 CENTS/KWH

CONSERVATION CHARGE

0.247 " "

ECS

\$0.14 PER BILL

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

16.8%

SUPPLIER SERVICES:

STANDARD OFFER

5.100 CENTS/KWH

SOSFA

0.000 " "

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
SMALL GENERAL TOW RATE G-7 (ANNUAL)

LF = CUM % BILLS	AVERAGE 0.466 MONTHLY KW	TOTAL FC & CC	PRE-RAD RATE BASE	TOTAL	PROPOSED RATE SUPPLIER	DELIVERY	DIFFERENCE AMOUNT	%
10	0	29	\$12.79	\$12.77	\$1.48	\$11.29	(\$2.28)	-15.1%
20	1	491	33.64	60.64	25.04	35.60	(\$11.31)	-15.7%
30	3	908	70.87	109.32	46.33	62.99	(\$20.41)	-15.7%
40	6	1,987	155.03	224.39	101.34	123.05	(\$42.05)	-15.8%
50	12	4,013	313.11	442.32	204.66	237.66	(\$83.04)	-15.8%
60	25	8,483	661.91	922.02	432.65	489.37	(\$173.24)	-15.8%
70	35	11,755	917.17	1,275.50	599.51	675.99	(\$239.66)	-15.8%
80	43	14,470	1,128.99	1,567.32	737.95	829.37	(\$294.54)	-15.8%
90	61	20,808	1,607.88	2,226.69	1,050.98	1,175.71	(\$418.51)	-15.8%
AVG USE	15	5,084	396.64	556.64	259.26	297.38	(\$104.54)	-15.8%

PRE-RAD RATE

SMALL GENERAL TOW RATE G-7 (ANNUAL)

BASE RATE

CUSTOMER

\$10.00 PER BILL

\$10.07 PER BILL

DISTRIBUTION (DEMAND)

\$4.98 PER KW

DISTRIBUTION (DEMAND)
TRANSMISSION (DEMAND)

\$3.04 PER KW
\$1.90

ENERGY

PEAK 23.58% 3.371
OFF PK 76.42% 2.605 CENTS/KWH

PEAK 23.58% 1.995
OFF PK 76.42% 1.234 CENTS/KWH

ADJUSTMENTS

FUEL CHARGE 6.500 CENTS/KWH
CONSERVATION CHARGE 0.179
ECS \$0.14 PER BILL

TRANSITION 2.027
TRANSMISSION 0.000
PENSION ADJ FACTOR 0.076
TRANS RATE ADJ 0.042
DEFAULT SERV ADJ 0.000
DEMAND-SIDE MGT 0.250
RENEWABLE ENERGY 0.050

SUPPLIER SERVICES:
STANDARD OFFER
SOSFA

5.100 CENTS/KWH
0.000

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of 16.8%

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
SMALL GENERAL TOU RATE G-7 (ANNUAL)

LF = CUM % BILLS	HIGH MONTHLY KW	PRE-RAD RATE		PROPOSED RATE		DIFFERENCE	
		TOTAL	FC & CC	TOTAL	SUPPLIER DELIVERY	AMOUNT	%
10	0	\$15.05	\$2.26	\$12.77	\$1.48	(\$2.28)	-15.1%
20	1	71.95	38.31	60.64	25.04	(\$11.31)	-15.7%
30	2	123.91	70.87	104.38	46.33	(\$19.53)	-15.8%
40	4	254.81	155.03	214.51	101.34	(\$40.30)	-15.8%
50	8	502.09	313.11	422.56	204.66	(\$79.53)	-15.8%
60	17	1,048.72	661.91	882.50	449.85	(\$166.22)	-15.8%
70	24	1,451.17	917.17	1,221.16	599.51	(\$230.01)	-15.8%
80	30	1,786.23	1,128.99	1,503.10	737.95	(\$283.13)	-15.9%
90	42	2,534.67	1,607.88	2,132.83	1,050.98	(\$401.84)	-15.9%
AVG.USE	10	632.09	396.64	531.94	259.26	(\$100.15)	-15.8%

PRE-RAD RATE

SMALL GENERAL TOU RATE G-7 (ANNUAL)

BASE RATE

CUSTOMER

\$10.00 PER BILL

\$10.07 PER BILL

DISTRIBUTION (DEMAND)

\$4.98 PER KW

\$3.04 PER KW

ENERGY

PEAK 23.58% 3.371
OFF PK 76.42% 2.605 CENTS/KWH

PEAK 23.58% 1.995
OFF PK 76.42% 1.234 CENTS/KWH

ADJUSTMENTS

FUEL CHARGE 6.500 CENTS/KWH
CONSERVATION CHARGE 0.179 " "
ECS \$0.14 PER BILL

SUPPLIER SERVICES: 5.100 CENTS/KWH
STANDARD OFFER 0.000 " "
SOSFA

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of 16.8%

PROPOSED RATE

SMALL GENERAL TOU RATE G-7 (ANNUAL)

DELIVERY SERVICES:

CUSTOMER

DISTRIBUTION (DEMAND)
TRANSMISSION (DEMAND)

DISTRIBUTION (ENERGY)
TRANSITION 1.995 1.234 CENTS/KWH
TRANSMISSION 2.027 2.027 " "
PENSION ADJ FACTOR 0.000 " "
TRANS RATE ADJ 0.076 0.078 " "
DEFAULT SERV ADJ 0.042 0.042 " "
DEMAND-SIDE MGT 0.000 0.440 " "
RENEWABLE ENERGY 0.250 0.250 " "
0.050 0.050 " "

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
SMALL GENERAL TOU RATE G-7 (ANNUAL)

LF = CUM % BILLS		LOW 0.266 MONTHLY KW		PRE-RAD RATE		PROPOSED RATE		DIFFERENCE			
				TOTAL	FC & CC	BASE	TOTAL	SUPPLIER	DELIVERY	AMOUNT	%
10	0	29		\$15.05	\$2.26	\$12.79	\$12.77	\$1.48	\$11.29	(\$2.28)	-15.1%
20	3	491		83.59	38.31	45.28	70.52	25.04	45.48	(\$13.07)	-15.6%
30	5	908		141.36	70.87	70.49	119.20	46.33	72.87	(\$22.16)	-15.7%
40	10	1,987		289.71	155.03	134.68	244.15	101.34	142.81	(\$45.56)	-15.7%
50	21	4,013		577.72	313.11	264.61	486.78	204.66	282.12	(\$90.94)	-15.7%
60	44	8,483		1,205.79	661.91	543.88	1,015.88	432.65	583.23	(\$189.91)	-15.7%
70	61	11,755		1,666.42	917.17	749.25	1,403.94	599.51	804.43	(\$262.48)	-15.8%
80	75	14,470		2,048.03	1,128.99	919.04	1,725.40	737.95	987.45	(\$322.63)	-15.8%
90	106	20,608		2,907.00	1,607.88	1,299.12	2,448.99	1,050.98	1,398.01	(\$458.01)	-15.8%
AVG USE		26	5,084	725.17	396.64	328.53	610.98	259.26	351.72	(\$114.19)	-15.7%

PRE-RAD RATE

SMALL GENERAL TOU RATE G-7 (ANNUAL)

BASE RATE

CUSTOMER

\$10.00 PER BILL

CUSTOMER

\$10.07 PER BILL

DISTRIBUTION (DEMAND)

\$4.98 PER KW

DISTRIBUTION (DEMAND)
TRANSMISSION (DEMAND)

\$3.04 PER KW
\$1.90

ENERGY

PEAK 23.58%
3.371

OFF PK 76.42%
2.605 CENTS/KWH

PEAK 23.58%
1.995

OFF PK 76.42%
1.234 CENTS/KWH

ADJUSTMENTS

FUEL CHARGE

6.500

6.500 CENTS/KWH

CONSERVATION CHARGE

0.179

0.179 " "

ECS

\$0.14

\$0.14 PER BILL

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

16.8%

SUPPLIER SERVICES:

5.100

5.100 CENTS/KWH

STANDARD OFFER

0.000

0.000

SOSFA

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
SMALL GENERAL TOU RATE G-7 (SEASONAL)

LF = CUM % BILLS	AVERAGE 0.172 WINTER		PRE-RAD RATE		PROPOSED RATE			DIFFERENCE		
	KW	KWH	TOTAL	FC & CC	BASE	TOTAL	SUPPLIER	DELIVERY	AMOUNT	%
10	0	0	\$11.85	\$0.00	\$11.85	\$10.07	\$0.00	\$10.07	(\$1.78)	-15.0%
20	39	4,940	885.24	385.44	499.80	750.93	251.94	498.99	(\$134.31)	-15.2%
30	66	8,211	1,469.46	640.66	828.80	1,246.51	418.76	827.75	(\$222.95)	-15.2%
40	79	9,901	1,766.54	772.52	994.02	1,498.51	504.95	993.56	(\$268.03)	-15.2%
50	86	10,800	1,924.99	842.66	1,082.33	1,632.92	550.80	1,082.12	(\$292.07)	-15.2%
60	92	11,460	2,045.65	894.16	1,151.49	1,735.27	584.46	1,150.81	(\$310.38)	-15.2%
70	100	12,560	2,236.68	979.98	1,256.70	1,897.32	640.56	1,256.76	(\$339.36)	-15.2%
80	116	14,540	2,588.60	1,134.47	1,454.13	2,195.84	741.54	1,454.30	(\$392.76)	-15.2%
90	138	17,280	3,074.89	1,348.26	1,726.63	2,608.33	881.28	1,727.05	(\$466.56)	-15.2%
AVG USE	7	922	173.46	71.94	101.52	147.15	47.02	100.13	(\$26.31)	-15.2%

PRE-RAD RATE

SMALL GENERAL TOU RATE G-7 (SEASONAL)

BASE RATE

CUSTOMER

\$10.00 PER BILL

\$10.07 PER BILL

DISTRIBUTION (DEMAND)

\$4.30 PER KW

DISTRIBUTION (DEMAND)
TRANSMISSION (DEMAND)

\$3.46 PER KW
\$0.81

ADJUSTMENTS

PEAK 7.02% 5.798 OFF PK 92.98% 5.005 CENTS/KWH

PEAK 7.02% 4.399 OFF PK 92.98% 3.612 CENTS/KWH

DISTRIBUTION (ENERGY)

TRANSITION

DISTRIBUTION (ENERGY)

TRANSITION

CONSERVATION CHARGE

6.500 CENTS/KWH

TRANSMISSION

TRANSMISSION

ECS

0.179

PENSION ADJ FACTOR

0.005

NOTE (1) Bill Calculation Under Pre-Rad Rates Have

Been Adjusted By An Inflation Factor Of

TRANS RATE ADJ

0.076

16.8%

\$0.14 PER BILL

DEFAULT SERV ADJ

0.042

RENEWABLE ENERGY

0.250

DEMAND-SIDE MGT

0.050

SUPPLIER SERVICES:

6.500 CENTS/KWH

SUPPLIER SERVICES:

5.100 CENTS/KWH

STANDARD OFFER

0.000

SOSFA

0.000

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
SMALL GENERAL TOL RATE G-7 (SEASONAL)

LF = CUM % BILLS	AVERAGE 0.172 SUMMER KW	PRE-RAD RATE FC & CC		PROPOSED RATE		DIFFERENCE	
		TOTAL	BASE	TOTAL	DELIVERY	AMOUNT	%
10	0	\$11.85	\$11.85	\$10.07	\$10.07	(\$1.78)	-15.0%
20	62	1,365.46	604.30	1,175.26	780.26	(\$210.20)	-15.2%
30	82	1,839.07	805.21	1,560.03	1,033.71	(\$279.04)	-15.2%
40	96	2,138.28	935.43	1,813.85	1,202.41	(\$324.43)	-15.2%
50	102	2,273.62	995.28	1,928.65	1,278.09	(\$344.97)	-15.2%
60	108	2,408.94	1,055.12	2,043.44	1,353.77	(\$365.50)	-15.2%
70	114	2,544.26	1,114.96	2,158.23	1,429.44	(\$386.03)	-15.2%
80	119	2,656.33	1,164.43	2,253.29	1,492.17	(\$403.04)	-15.2%
90	124	2,764.83	1,211.87	2,345.33	1,553.20	(\$419.50)	-15.2%
AVG USE	7	173.46	71.94	147.15	100.13	(\$26.31)	-15.2%

PRE-RAD RATE

SMALL GENERAL TOL RATE G-7 (SEASONAL)

BASE RATE

CUSTOMER

\$10.00 PER BILL

\$10.07 PER BILL

DISTRIBUTION (DEMAND)

\$4.30 PER KW

\$3.46 PER KW
\$0.81

DISTRIBUTION (ENERGY)

PEAK 7.02% 5.768
OFF PK 92.98% 5.005
CENTS/KWH

PEAK 7.02% 4.399
OFF PK 92.98% 3.612
CENTS/KWH

ADJUSTMENTS

FUEL CHARGE

6.500

6.500 CENTS/KWH

CONSERVATION CHARGE

0.179

0.179 " "

ECS

\$0.14

\$0.14 PER BILL

NOTE (1) Bill Calculation Under Pre-Rad Rates Have
Been Adjusted By An Inflation Factor Of

16.8%

PROPOSED RATE

SMALL GENERAL TOL RATE G-7 (SEASONAL)

DELIVERY SERVICES:

CUSTOMER

\$10.07 PER BILL

DISTRIBUTION (DEMAND)

\$3.46 PER KW

TRANSMISSION (DEMAND)

\$0.81

DISTRIBUTION (ENERGY)
TRANSITION
TRANSMISSION
PENSION ADJ FACTOR
TRANS RATE ADJ
DEFAULT SERV ADJ
DEMAND-SIDE MGT
RENEWABLE ENERGY

PEAK 7.02% 4.399
OFF PK 92.98% 3.612
CENTS/KWH

SUPPLIER SERVICES:
STANDARD OFFER
SOSFA

5.100
5.100 CENTS/KWH
0.000

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
RESIDENTIAL RATE R-1

CUM % BILLS	CUM % KWH	MONTHLY KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
			TOTAL	SUPPLIER DELIVERY	TOTAL	SUPPLIER DELIVERY	AMOUNT	%
10	2	136	\$23.39	\$8.33 \$15.06	\$23.81	\$8.60 \$15.21	\$0.42	1.8%
20	5	206	\$33.51	\$12.62 \$20.89	\$33.94	\$13.02 \$20.92	0.43	1.3%
30	11	276	\$43.62	\$16.90 \$26.72	\$44.08	\$17.45 \$26.63	0.46	1.1%
40	17	336	\$52.30	\$20.58 \$31.72	\$52.77	\$21.24 \$31.53	0.47	0.9%
50	24	396	\$60.97	\$24.25 \$36.72	\$61.47	\$25.04 \$36.43	0.50	0.8%
60	35	476	\$72.53	\$29.15 \$43.38	\$73.05	\$30.09 \$42.96	0.52	0.7%
70	44	525	\$79.61	\$32.15 \$47.46	\$80.15	\$33.19 \$46.96	0.54	0.7%
80	61	675	\$101.30	\$41.34 \$59.96	\$101.87	\$42.67 \$59.20	0.57	0.6%
90	77	875	\$130.21	\$53.59 \$76.62	\$130.84	\$55.32 \$75.52	0.63	0.5%
AVG USE		483	\$73.54	\$29.58 \$43.96	\$74.07	\$30.54 \$43.53	0.53	0.7%

PRESENT RATE

RESIDENTIAL RATE R-1 MDTE NO. 320 - (ANNUAL)

DELIVERY SERVICES:

CUSTOMER
DISTRIBUTION
TRANSITION
TRANSMISSION
PENSION ADJ FACTOR
TRANS RATE ADJ
DEFAULT SERV ADJ
DEMAND-SIDE MGT
RENEWABLE ENERGY

ALL KWH @

\$3.73
4.524
3.030
0.476
0.000
0.000
0.000
0.250
0.050

PER BILL
CENTS/KWH

CUSTOMER
DISTRIBUTION
TRANSITION
TRANSMISSION
PENSION ADJ FACTOR
TRANS RATE ADJ
DEFAULT SERV ADJ
DEMAND-SIDE MGT
RENEWABLE ENERGY

ALL KWH @

\$4.11
4.606
2.027
0.710
0.076
0.002
0.440
0.250
0.050

PER BILL
CENTS/KWH

SUPPLIER SERVICES:

STANDARD OFFER
SOSFA

ALL KWH @

4.700
1.424

CENTS/KWH

STANDARD OFFER
SOSFA

ALL KWH @

5.100
1.222

CENTS/KWH

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
RESIDENTIAL SEASONAL RATE R-1

CUM % BILLS	CUM % KWH	WINTER KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
			TOTAL	SUPPLIER DELIVERY	TOTAL	SUPPLIER DELIVERY	AMOUNT	%
10	2	124	\$26.34	\$7.59	\$27.48	\$7.84	\$1.14	4.3%
20	6	168	\$34.37	\$10.29	\$35.77	\$10.62	1.40	4.1%
30	11	206	\$41.30	\$12.62	\$42.93	\$13.02	1.63	3.9%
40	17	249	\$49.14	\$15.25	\$51.03	\$15.74	1.89	3.8%
50	24	306	\$59.54	\$18.74	\$61.78	\$19.35	2.24	3.8%
60	33	368	\$70.85	\$22.54	\$73.45	\$23.26	2.60	3.7%
70	43	454	\$86.52	\$27.80	\$89.66	\$28.70	3.14	3.6%
80	56	570	\$107.68	\$34.91	\$111.53	\$36.04	3.85	3.6%
90	75	828	\$154.74	\$50.71	\$160.15	\$52.35	5.41	3.5%
AVG. USE			\$75.40	\$24.07	\$78.17	\$24.85	2.77	3.7%

PRESENT RATE

RESIDENTIAL RATE R-1 MDTE NO. 320 - (SEASONAL)

DELIVERY SERVICES:

CUSTOMER
DISTRIBUTION
TRANSITION
TRANSMISSION
PENSION ADJ FACTOR
TRANS RATE ADJ
DEFAULT SERV ADJ
DEMAND-SIDE MGT
RENEWABLE ENERGY

ALL KWH @

\$3.73
7.946
3.030
0.837
0.000
0.000
0.000
0.250
0.050

PER BILL
CENTS/KWH

\$4.11
8.279
2.027
1.398
0.076
0.002
0.440
0.250
0.050

PER BILL
CENTS/KWH

ALL KWH @

5.100
1.222

CENTS/KWH

PROPOSED RATE

RESIDENTIAL RATE R-1 (SEASONAL)

DELIVERY SERVICES:

CUSTOMER
DISTRIBUTION
TRANSITION
TRANSMISSION
PENSION ADJ FACTOR
TRANS RATE ADJ
DEFAULT SERV ADJ
DEMAND-SIDE MGT
RENEWABLE ENERGY

ALL KWH @

5.100
1.222

CENTS/KWH

ALL KWH @

5.100
1.222

CENTS/KWH

SUPPLIER SERVICES:

STANDARD OFFER
SOSFA

4.700
1.424

CENTS/KWH

ALL KWH @

5.100
1.222

CENTS/KWH

SUPPLIER SERVICES:

STANDARD OFFER
SOSFA

ALL KWH @

5.100
1.222

CENTS/KWH

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
RESIDENTIAL SEASONAL RATE R-1

CUM % BILLS	CUM % KWH	SUMMER KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
			TOTAL	SUPPLIER DELIVERY	TOTAL	SUPPLIER DELIVERY	AMOUNT	%
10	0	20	\$7.37	\$1.22 \$6.15	\$7.87	\$1.26 \$6.61	\$0.50	6.8%
20	2	63	\$15.22	\$3.86 \$11.36	\$15.98	\$3.98 \$12.00	0.76	5.0%
30	6	99	\$21.78	\$6.06 \$15.72	\$22.77	\$6.26 \$16.51	0.99	4.5%
40	11	133	\$27.98	\$8.14 \$19.84	\$29.18	\$8.41 \$20.77	1.20	4.3%
50	17	168	\$34.37	\$10.29 \$24.08	\$35.77	\$10.62 \$25.15	1.40	4.1%
60	26	207	\$41.48	\$12.68 \$28.80	\$43.12	\$13.09 \$30.03	1.64	4.0%
70	36	256	\$50.42	\$15.68 \$34.74	\$52.35	\$16.18 \$36.17	1.93	3.8%
80	48	328	\$63.55	\$20.09 \$43.46	\$65.92	\$20.74 \$45.18	2.37	3.7%
90	65	468	\$89.08	\$28.66 \$60.42	\$92.31	\$29.59 \$62.72	3.23	3.6%
AVG USE		227	\$45.13	\$13.90 \$31.23	\$46.89	\$14.35 \$32.54	1.76	3.9%

PRESENT RATE

RESIDENTIAL RATE R-1 MDTE NO. 320 - (SEASONAL)

DELIVERY SERVICES:

CUSTOMER	ALL KWH @	\$3.73	PER BILL
DISTRIBUTION	"	7.946	CENTS/KWH
TRANSITION	"	3.030	"
TRANSMISSION	"	0.837	"
PENSION ADJ FACTOR	"	0.000	"
TRANS RATE ADJ	"	0.000	"
DEFAULT SERV ADJ	"	0.000	"
DEMAND-SIDE MGT	"	0.250	"
RENEWABLE ENERGY	"	0.050	"
SUPPLIER SERVICES:			
STANDARD OFFER	ALL KWH @	4.700	CENTS/KWH
SOSFA	"	1.424	"

PROPOSED RATE

RESIDENTIAL RATE R-1 (SEASONAL)

DELIVERY SERVICES:

CUSTOMER	ALL KWH @	\$4.11	PER BILL
DISTRIBUTION	"	8.279	CENTS/KWH
TRANSITION	"	2.027	"
TRANSMISSION	"	1.398	"
PENSION ADJ FACTOR	"	0.076	"
TRANS RATE ADJ	"	0.002	"
DEFAULT SERV ADJ	"	0.440	"
DEMAND-SIDE MGT	"	0.250	"
RENEWABLE ENERGY	"	0.050	"
SUPPLIER SERVICES:			
STANDARD OFFER	ALL KWH @	5.100	CENTS/KWH
SOSFA	"	1.222	"

PRESENT RATE

DELIVERY SERVICES:

PROPOSED RATE

DELIVERY SERVICES:

CUSTOMER		\$2.44	PER BILL
DISTRIBUTION	ALL KWH @	1.793	CENTS/KWH
TRANSITION	" "	2.027	" "
TRANSMISSION	" "	0.710	" "
PENSION ADJ FACTOR	" "	0.078	" "
TRANS RATE ADJ	" "	0.001	" "
DEFAULT SERV ADJ	" "	0.440	" "
DEMAND-SIDE MGT	" "	0.250	" "
RENEWABLE ENERGY	" "	0.050	" "
SUPPLIER SERVICES:			
STANDARD OFFER	ALL KWH @	5.100	CENTS/KWH
SOSFA	" "	1.222	" "

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
RESIDENTIAL ASSISTANCE SEASONAL RATE R-2

SEASONAL CUM % BILLS	CUM % KWH	WINTER KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
			TOTAL	SUPPLIER DELIVERY	TOTAL	SUPPLIER DELIVERY	AMOUNT	%
10	2	124	\$19.80	\$7.59 \$12.21	\$20.04	\$7.84 \$12.20	\$0.24	1.2%
20	6	168	\$28.05	\$10.29 \$15.76	\$28.28	\$10.62 \$15.66	0.23	0.9%
30	11	206	\$31.44	\$12.62 \$18.82	\$31.67	\$13.02 \$18.65	0.23	0.7%
40	17	249	\$37.54	\$15.25 \$22.29	\$37.77	\$15.74 \$22.03	0.23	0.6%
50	24	306	\$45.62	\$18.74 \$26.88	\$45.86	\$19.35 \$26.51	0.24	0.5%
60	33	368	\$54.42	\$22.54 \$31.88	\$54.65	\$23.26 \$31.39	0.23	0.4%
70	43	454	\$66.62	\$27.80 \$38.82	\$66.86	\$28.70 \$38.16	0.24	0.4%
80	56	570	\$83.08	\$34.91 \$48.17	\$83.32	\$36.04 \$47.28	0.24	0.3%
90	75	828	\$119.68	\$50.71 \$68.97	\$119.93	\$52.35 \$67.58	0.25	0.2%
AVG USE		393	\$57.97	\$24.07 \$33.90	\$58.21	\$24.85 \$33.36	0.24	0.4%

PRESENT RATE

RESIDENTIAL ASSISTANCE RATE R-2 MDTE NO. 321 - (SEASONAL)

DELIVERY SERVICES:

CUSTOMER									
DISTRIBUTION			ALL KWH @	\$2.21	PER BILL				
TRANSITION				3.896	CENTS/KWH				
TRANSITION				3.030					
PENSION ADJ FACTOR				0.837					
TRANS RATE ADJ				0.000					
DEFAULT SERV ADJ				0.000					
DEMAND-SIDE MGT				0.000					
RENEWABLE ENERGY				0.250					
				0.050					
SUPPLIER SERVICES:									
STANDARD OFFER			ALL KWH @	4.700	CENTS/KWH				
SOSFA				1.424					

PROPOSED RATE

RESIDENTIAL ASSISTANCE RATE R-2 (SEASONAL)

DELIVERY SERVICES:

CUSTOMER									
DISTRIBUTION			ALL KWH @	\$2.44	PER BILL				
TRANSITION				3.625	CENTS/KWH				
TRANSITION				2.027					
PENSION ADJ FACTOR				1.398					
TRANS RATE ADJ				0.076					
DEFAULT SERV ADJ				0.001					
DEMAND-SIDE MGT				0.440					
RENEWABLE ENERGY				0.250					
				0.050					
SUPPLIER SERVICES:									
STANDARD OFFER			ALL KWH @	5.100	CENTS/KWH				
SOSFA				1.222					

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
RESIDENTIAL ASSISTANCE SEASONAL RATE R-2

SEASONAL CUM % BILLS	CUM % KWH	SUMMER KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
			TOTAL	SUPPLIER	TOTAL	SUPPLIER	AMOUNT	%
10	0	10	\$3.63	\$0.61	\$3.86	\$0.63	\$0.23	6.3%
20	3	88	\$14.70	\$5.39	\$14.92	\$5.56	0.22	1.5%
30	8	130	\$20.65	\$7.96	\$20.89	\$8.22	0.24	1.2%
40	16	220	\$33.42	\$13.47	\$33.66	\$13.91	0.24	0.7%
50	25	230	\$34.84	\$14.09	\$35.07	\$14.54	0.23	0.7%
60	34	250	\$37.68	\$15.31	\$37.92	\$15.81	0.24	0.6%
70	44	270	\$40.51	\$16.53	\$40.75	\$17.07	0.24	0.6%
80	57	340	\$50.44	\$20.82	\$50.68	\$21.49	0.24	0.5%
90	75	480	\$70.31	\$29.40	\$70.55	\$30.35	0.24	0.3%
AVG USE		265	\$39.81	\$16.23	\$40.04	\$16.75	0.23	0.6%

PRESENT RATE

RESIDENTIAL ASSISTANCE RATE R-2 MDTE NO. 321 - (SEASONAL)

DELIVERY SERVICES:

CUSTOMER	\$2.21	PER BILL
DISTRIBUTION	3.896	CENTS/KWH
TRANSITION	3.030	"
TRANSMISSION	0.837	"
PENSION ADJ FACTOR	0.000	"
TRANS RATE ADJ	0.000	"
DEFAULT SERV ADJ	0.000	"
DEMAND-SIDE MGT	0.250	"
RENEWABLE ENERGY	0.050	"
SUPPLIER SERVICES:		
STANDARD OFFER	4.700	CENTS/KWH
SOSFA	1.424	"
ALL KWH @	"	"

PROPOSED RATE

RESIDENTIAL ASSISTANCE RATE R-2 (SEASONAL)

DELIVERY SERVICES:

CUSTOMER	\$2.44	PER BILL
DISTRIBUTION	3.625	CENTS/KWH
TRANSITION	2.027	"
TRANSMISSION	1.398	"
PENSION ADJ FACTOR	0.076	"
TRANS RATE ADJ	0.001	"
DEFAULT SERV ADJ	0.440	"
DEMAND-SIDE MGT	0.250	"
RENEWABLE ENERGY	0.050	"
SUPPLIER SERVICES:		
STANDARD OFFER	5.100	CENTS/KWH
SOSFA	1.222	"
ALL KWH @	"	"

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
RESIDENTIAL SPACE HEATING RATE R-3

MONTHLY CUM % BILLS	MONTHLY CUM % KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
		TOTAL	SUPPLIER DELIVERY	TOTAL	SUPPLIER DELIVERY	AMOUNT	%
10	1	\$28.19	\$8.88	\$28.98	\$9.17	\$0.79	2.8%
20	3	\$43.35	\$16.29	\$43.93	\$16.82	0.58	1.3%
30	7	\$57.13	\$23.03	\$57.51	\$23.77	0.38	0.7%
40	13	\$70.90	\$29.76	\$71.10	\$30.72	0.20	0.3%
50	19	\$82.05	\$35.21	\$82.10	\$36.35	0.05	0.1%
60	28	\$100.84	\$44.40	\$100.63	\$45.83	(\$0.21)	-0.2%
70	39	\$125.89	\$56.65	\$125.35	\$58.48	(\$0.54)	-0.4%
80	52	\$157.20	\$71.96	\$156.23	\$74.28	(\$0.97)	-0.6%
90	70	\$219.83	\$102.58	\$218.00	\$105.89	(\$1.83)	-0.8%
AVERAGE	919	\$125.14	\$56.28	\$124.60	\$58.10	(\$0.54)	-0.4%

PRESENT RATE

RES SPACE HEATING RATE R-3 MDTE NO. 322 -

DELIVERY SERVICES:

CUSTOMER		\$10.03	PER BILL
DISTRIBUTION	ALL KWH @	2.628	CENTS/KWH
TRANSMISSION	"	3.030	"
PENSION ADJ FACTOR	"	0.443	"
TRANS RATE ADJ	"	0.000	"
DEFAULT SERV ADJ	"	0.000	"
DEMAND-SIDE MGT	"	0.250	"
RENEWABLE ENERGY	"	0.050	"

SUPPLIER SERVICES:

STANDARD OFFER	ALL KWH @	4.700	CENTS/KWH
SOSFA	"	1.424	"

PROPOSED RATE

RES SPACE HEATING RATE R-3

DELIVERY SERVICES:

CUSTOMER		\$11.06	PER BILL
DISTRIBUTION	ALL KWH @	2.544	CENTS/KWH
TRANSMISSION	"	2.027	"
PENSION ADJ FACTOR	"	0.647	"
TRANS RATE ADJ	"	0.076	"
DEFAULT SERV ADJ	"	-0.001	"
DEMAND-SIDE MGT	"	0.440	"
RENEWABLE ENERGY	"	0.250	"
	"	0.050	"

SUPPLIER SERVICES:

STANDARD OFFER	ALL KWH @	5.100	CENTS/KWH
SOSFA	"	1.222	"

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
RES ASSISTANCE SPACE HEATING RATE R-4

MONTHLY CUM % BILLS	MONTHLY CUM % KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
		TOTAL	SUPPLIER	TOTAL	SUPPLIER	AMOUNT	%
10	2	\$34.43	\$16.23	\$34.09	\$16.75	(\$0.34)	-1.0%
20	6	\$46.28	\$22.97	\$45.57	\$23.71	(0.71)	-1.5%
30	11	\$58.13	\$29.70	\$57.03	\$30.66	(1.10)	-1.9%
40	17	\$67.93	\$35.27	\$66.51	\$36.41	(1.42)	-2.1%
50	23	\$78.50	\$41.28	\$76.73	\$42.61	(1.77)	-2.3%
60	32	\$94.87	\$50.58	\$92.58	\$52.22	(2.29)	-2.4%
70	43	\$116.42	\$62.83	\$113.42	\$64.86	(3.00)	-2.6%
80	56	\$143.36	\$78.14	\$139.49	\$80.67	(3.87)	-2.7%
90	73	\$191.74	\$105.64	\$186.29	\$109.05	(5.45)	-2.8%
AVG USE	1,073	\$121.49	\$65.71	\$118.33	\$67.84	(3.16)	-2.6%

PRESENT RATE

RES ASSISTANCE SPACE HEATING RATE R-4 MDTE NO. 323 -

DELIVERY SERVICES:

CUSTOMER	ALL KWH @	\$5.87	PER BILL
DISTRIBUTION	" "	0.878	CENTS/KWH
TRANSITION	" "	3.030	" "
PENSION ADJ FACTOR	" "	0.443	" "
TRANS RATE ADJ	" "	0.000	" "
DEFAULT SERV ADJ	" "	0.000	" "
DEMAND-SIDE MGT	" "	0.250	" "
RENEWABLE ENERGY	" "	0.050	" "
SUPPLIER SERVICES:			
STANDARD OFFER	ALL KWH @	4.700	CENTS/KWH
SOSFA	" "	1.424	" "

PROPOSED RATE

RES ASSISTANCE SPACE HEATING RATE R-4

DELIVERY SERVICES:

CUSTOMER	ALL KWH @	\$6.47	PER BILL
DISTRIBUTION	" "	0.611	CENTS/KWH
TRANSITION	" "	2.027	" "
PENSION ADJ FACTOR	" "	0.647	" "
TRANS RATE ADJ	" "	0.076	" "
DEFAULT SERV ADJ	" "	0.002	" "
DEMAND-SIDE MGT	" "	0.440	" "
RENEWABLE ENERGY	" "	0.250	" "
SUPPLIER SERVICES:			
STANDARD OFFER	ALL KWH @	5.100	CENTS/KWH
SOSFA	" "	1.222	" "

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
CONTROLLED WATER HEATING RATE R-5

MONTHLY CUM % BILLS	MONTHLY CUM % KWH	MONTHLY KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
			TOTAL	SUPPLIER	TOTAL	SUPPLIER	AMOUNT	%
10	0	32	\$4.05	\$1.96	\$4.00	\$2.02	(\$0.05)	-1.2%
20	3	85	\$10.76	\$5.21	\$10.63	\$5.37	(0.13)	-1.2%
30	8	116	\$14.67	\$7.10	\$14.51	\$7.33	(0.16)	-1.1%
40	16	158	\$19.73	\$9.55	\$19.52	\$9.86	(0.21)	-1.1%
50	23	186	\$23.53	\$11.39	\$23.28	\$11.76	(0.25)	-1.1%
60	34	226	\$28.59	\$13.84	\$28.29	\$14.29	(0.30)	-1.0%
70	45	266	\$33.65	\$16.29	\$33.29	\$16.82	(0.36)	-1.1%
80	57	315	\$39.85	\$19.29	\$39.42	\$19.91	(0.43)	-1.1%
90	75	406	\$51.36	\$24.86	\$50.81	\$25.67	(0.55)	-1.1%
AVG USE		220	\$27.83	\$13.47	\$27.53	\$13.91	(0.30)	-1.1%

PRESENT RATE

CONT WATER HEATING RATE R-5 MDTE NO. 324-

DELIVERY SERVICES:

CUSTOMER			
DISTRIBUTION	ALL KWH @	\$0.00	PER BILL
TRANSITION	"	2.751	CENTS/KWH
TRANSITION	"	3.030	"
PENSION ADJ FACTOR	"	0.447	"
TRANS RATE ADJ	"	0.000	"
DEFAULT SERV ADJ	"	0.000	"
DEMAND-SIDE MGT	"	0.250	"
RENEWABLE ENERGY	"	0.050	"

SUPPLIER SERVICES:

STANDARD OFFER	ALL KWH @	4.700	CENTS/KWH
SOSFA	"	1.424	"

PROPOSED RATE

CONT WATER HEATING RATE R-5

DELIVERY SERVICES:

CUSTOMER			
DISTRIBUTION	ALL KWH @	\$0.00	PER BILL
TRANSITION	"	2.786	CENTS/KWH
TRANSITION	"	2.027	"
PENSION ADJ FACTOR	"	0.654	"
TRANS RATE ADJ	"	0.076	"
DEFAULT SERV ADJ	"	-0.090	"
DEMAND-SIDE MGT	"	0.440	"
RENEWABLE ENERGY	"	0.250	"
	"	0.050	"

SUPPLIER SERVICES:

STANDARD OFFER	ALL KWH @	5.100	CENTS/KWH
SOSFA	"	1.222	"

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
RESIDENTIAL TOU RATE R-6

MONTHLY CUM % BILLS	CUM % KWH	MONTHLY KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
			TOTAL	SUPPLIER	TOTAL	SUPPLIER	AMOUNT	%
10		377	\$55.30	\$23.09	\$55.49	\$23.84	\$0.19	0.3%
20		473	\$67.56	\$28.99	\$67.61	\$29.93	0.05	0.1%
30		627	\$87.07	\$38.38	\$86.88	\$39.62	(0.19)	-0.2%
40		727	\$99.78	\$44.50	\$99.45	\$45.94	(0.33)	-0.3%
50		869	\$117.88	\$53.21	\$117.33	\$54.93	(0.55)	-0.5%
60		974	\$131.22	\$59.63	\$130.52	\$61.56	(0.70)	-0.5%
70		1,153	\$154.03	\$70.61	\$153.05	\$72.89	(0.98)	-0.6%
80		1,819	\$238.78	\$111.40	\$236.80	\$115.00	(1.98)	-0.8%
90		2,344	\$305.53	\$143.53	\$302.77	\$148.17	(2.76)	-0.9%
AVG USE		1,174	\$156.69	\$71.89	\$155.69	\$74.22	(1.00)	-0.6%

PRESENT RATE

RESIDENTIAL TOU RATE R-6 MDTE NO. 325-

DELIVERY SERVICES:

CUSTOMER

\$7.33 PER BILL

PEAK	15.62%	OFF-PEAK	84.38%	CENTS/KWH
DISTRIBUTION	14.169	0.722	2.128	"
TRANSITION	7.927	0.443	0.000	"
TRANSMISSION	0.443	0.000	0.000	"
PENSION ADJ FACTOR	0.000	0.000	0.000	"
TRANS RATE ADJ	0.000	0.000	0.000	"
DEFAULT SERV ADJ	0.000	0.000	0.000	"
DEMAND-SIDE MGT	0.250	0.250	0.050	"
RENEWABLE ENERGY	0.050	0.050	0.050	"
SUPPLIER SERVICES:				
STANDARD OFFER	4.700	4.700	1.424	CENTS/KWH
SOSFA	1.424	1.424	1.424	"

PROPOSED RATE

RESIDENTIAL TOU RATE R-6

DELIVERY SERVICES:

CUSTOMER

\$8.08 PER BILL

PEAK	15.62%	OFF-PEAK	84.38%	CENTS/KWH
DISTRIBUTION	13.455	0.935	0.647	"
TRANSITION	8.639	0.647	0.076	"
TRANSMISSION	0.647	0.076	0.003	"
PENSION ADJ FACTOR	0.076	0.003	0.440	"
TRANS RATE ADJ	0.003	0.440	0.250	"
DEFAULT SERV ADJ	0.003	0.250	0.050	"
DEMAND-SIDE MGT	0.440	0.050	0.050	"
RENEWABLE ENERGY	0.250	0.050	0.050	"
SUPPLIER SERVICES:				
STANDARD OFFER	5.100	5.100	1.222	CENTS/KWH
SOSFA	1.222	1.222	1.222	"

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
GENERAL RATE G-1

LF = CUM % MONTHLY BILLS	AVERAGE 0.408 MONTHLY KW	MONTHLY KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
			TOTAL	SUPPLIER DELIVERY	TOTAL	SUPPLIER DELIVERY	AMOUNT	%
10	0	13	\$7.31	\$0.80 \$6.51	\$7.86	\$0.82 \$7.04	\$0.55	7.5%
20	0	82	\$16.64	\$4.99 \$11.65	\$17.16	\$5.15 \$12.01	0.52	3.1%
30	1	186	\$30.83	\$11.37 \$19.46	\$31.30	\$11.74 \$19.56	0.47	1.5%
40	1	335	\$51.24	\$20.54 \$30.70	\$51.62	\$21.20 \$30.42	0.38	0.7%
50	2	525	\$77.09	\$32.16 \$44.93	\$77.37	\$33.20 \$44.17	0.28	0.4%
60	3	826	\$118.08	\$50.58 \$67.50	\$118.18	\$52.21 \$65.97	0.10	0.1%
70	4	1,275	\$179.23	\$78.06 \$101.17	\$179.10	\$80.59 \$98.51	(0.13)	-0.1%
80	8	2,351	\$324.45	\$144.00 \$180.45	\$323.56	\$148.65 \$174.91	(0.89)	-0.3%
90	17	4,950	\$636.54	\$303.15 \$333.39	\$629.85	\$312.95 \$316.90	(6.69)	-1.1%
AVG USE	7	2,221	\$308.14	\$135.99 \$172.15	\$307.48	\$140.39 \$167.09	(0.66)	-0.2%

PRESENT RATE

GENERAL RATE G-1 MDTE NO. 330

DELIVERY SERVICES:

CUSTOMER

\$5.53 PER BILL

	FIRST 10		OVER 10		CENTS/KWH
	< 2300 KWH	> 2300 KWH	< 2300 KWH	> 2300 KWH	
DISTRIBUTION (ENERGY)	3.691	0.764	3.691	0.764	
TRANSITION	3.030	3.030	3.030	3.030	
TRANSMISSION	0.482	0.482	0.482	0.482	
PENSION ADJ FACTOR	0.000	0.000	0.000	0.000	
TRANS RATE ADJ	0.000	0.000	0.000	0.000	
DEFAULT SERV ADJ	0.000	0.000	0.000	0.000	
DEMAND-SIDE MGT	0.250	0.250	0.250	0.250	
RENEWABLE ENERGY	0.050	0.050	0.050	0.050	

SUPPLIER SERVICES:

STANDARD OFFER	4.700	4.700	4.700	4.700	
SOSFA	1.424	1.424	1.424	1.424	

STANDARD OFFER	5.100	5.100	5.100	5.100	
SOSFA	1.222	1.222	1.222	1.222	

PROPOSED RATE

GENERAL RATE G-1

DELIVERY SERVICES:

CUSTOMER

\$6.10 PER BILL

	FIRST 10		OVER 10		CENTS/KWH
	< 2300 KWH	> 2300 KWH	< 2300 KWH	> 2300 KWH	
DISTRIBUTION (ENERGY)	3.683	0.453	3.683	0.453	
TRANSITION	2.027	2.027	2.027	2.027	
TRANSMISSION	0.721	0.721	0.721	0.721	
PENSION ADJ FACTOR	0.076	0.076	0.076	0.076	
TRANS RATE ADJ	0.003	0.003	0.003	0.003	
DEFAULT SERV ADJ	0.440	0.440	0.440	0.440	
DEMAND-SIDE MGT	0.250	0.250	0.250	0.250	
RENEWABLE ENERGY	0.050	0.050	0.050	0.050	

SUPPLIER SERVICES:

STANDARD OFFER	5.100	5.100	5.100	5.100	
SOSFA	1.222	1.222	1.222	1.222	

STANDARD OFFER	5.100	5.100	5.100	5.100	
SOSFA	1.222	1.222	1.222	1.222	

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
GENERAL RATE G-1

LF = CUM % MONTHLY BILLS	HIGH 0.508 MONTHLY KW	MONTHLY KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
			TOTAL	SUPPLIER DELIVERY	TOTAL	SUPPLIER DELIVERY	AMOUNT	%
10	0	13	\$7.31	\$0.80 \$6.51	\$7.86	\$0.82 \$7.04	\$0.55	7.5%
20	0	82	\$16.64	\$4.99 \$11.65	\$17.16	\$5.15 \$12.01	0.52	3.1%
30	1	186	\$30.83	\$11.37 \$19.46	\$31.30	\$11.74 \$19.56	0.47	1.5%
40	1	335	\$51.24	\$20.54 \$30.70	\$51.62	\$21.20 \$30.42	0.38	0.7%
50	1	525	\$77.09	\$32.16 \$44.93	\$77.37	\$33.20 \$44.17	0.28	0.4%
60	2	826	\$118.08	\$50.58 \$67.50	\$118.18	\$52.21 \$65.97	0.10	0.1%
70	3	1,275	\$179.23	\$78.06 \$101.17	\$179.10	\$80.59 \$98.51	(0.13)	-0.1%
80	6	2,351	\$324.45	\$144.00 \$180.45	\$323.56	\$148.65 \$174.91	(0.89)	-0.3%
90	13	4,950	\$617.10	\$303.15 \$313.95	\$608.41	\$312.95 \$295.46	(8.69)	-1.4%
AVG USE	6	2,221	\$308.14	\$135.99 \$172.15	\$307.48	\$140.39 \$167.09	(0.66)	-0.2%

PRESENT RATE

GENERAL RATE G-1 MDTE NO. 330

DELIVERY SERVICES:

CUSTOMER	PER BILL	
	FIRST 10	OVER 10
DISTRIBUTION (DEMAND)	\$0.00	\$4.86
TRANSMISSION	\$0.00	\$0.00
DISTRIBUTION (ENERGY)	3.691	0.764
TRANSITION	3.030	3.030
TRANSMISSION	0.482	0.482
PENSION ADJ FACTOR	0.000	0.000
TRANS RATE ADJ	0.000	0.000
DEFAULT SERV ADJ	0.000	0.000
DEMAND-SIDE MGT	0.250	0.250
RENEWABLE ENERGY	0.050	0.050
SUPPLIER SERVICES:		
STANDARD OFFER	4.700	4.700
SOSFA	1.424	1.424

PROPOSED RATE

GENERAL RATE G-1

DELIVERY SERVICES:

CUSTOMER	PER BILL	
	FIRST 10	OVER 10
DISTRIBUTION (DEMAND)	\$0.00	\$5.36
TRANSMISSION	\$0.00	\$0.00
DISTRIBUTION (ENERGY)	3.683	0.453
TRANSITION	2.027	2.027
TRANSMISSION	0.721	0.721
PENSION ADJ FACTOR	0.076	0.076
TRANS RATE ADJ	0.003	0.003
DEFAULT SERV ADJ	0.440	0.440
DEMAND-SIDE MGT	0.250	0.250
RENEWABLE ENERGY	0.050	0.050
SUPPLIER SERVICES:		
STANDARD OFFER	5.100	5.100
SOSFA	1.222	1.222

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
GENERAL RATE G-1

LF = CUM % MONTHLY BILLS	LOW 0.308 MONTHLY KW	MONTHLY KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
			TOTAL	SUPPLIER DELIVERY	TOTAL	SUPPLIER DELIVERY	AMOUNT	%
10	0	13	\$7.31	\$0.80 \$6.51	\$7.86	\$0.82 \$7.04	\$0.55	7.5%
20	0	82	\$16.64	\$4.99 \$11.65	\$17.16	\$5.15 \$12.01	0.52	3.1%
30	1	186	\$30.83	\$11.37 \$19.46	\$31.30	\$11.74 \$19.56	0.47	1.5%
40	1	335	\$51.24	\$20.54 \$30.70	\$51.62	\$21.20 \$30.42	0.38	0.7%
50	2	525	\$77.09	\$32.16 \$44.93	\$77.37	\$33.20 \$44.17	0.28	0.4%
60	4	826	\$118.08	\$50.58 \$67.50	\$118.18	\$52.21 \$65.97	0.10	0.1%
70	6	1,275	\$179.23	\$78.06 \$101.17	\$179.10	\$80.59 \$98.51	(0.13)	-0.1%
80	10	2,351	\$324.45	\$144.00 \$180.45	\$323.56	\$148.65 \$174.91	(0.89)	-0.3%
90	22	4,950	\$680.84	\$303.15 \$357.69	\$656.65	\$312.95 \$343.70	(4.19)	-0.6%
AVG USE	10	2,221	\$308.14	\$135.99 \$172.15	\$307.48	\$140.39 \$167.09	(0.66)	-0.2%

PRESENT RATE

GENERAL RATE G-1 MDTE NO. 330

DELIVERY SERVICES:

CUSTOMER	PER BILL	
	FIRST 10	OVER 10
DISTRIBUTION (DEMAND)	\$0.00	\$4.86
TRANSMISSION	\$0.00	\$0.00
DISTRIBUTION (ENERGY)	3.691	0.764
TRANSITION	3.030	3.030
TRANSMISSION	0.482	0.482
PENSION ADJ FACTOR	0.000	0.000
TRANS RATE ADJ	0.000	0.000
DEFAULT SERV ADJ	0.000	0.000
DEMAND-SIDE MGT	0.250	0.250
RENEWABLE ENERGY	0.050	0.050
SUPPLIER SERVICES:		
STANDARD OFFER	4.700	4.700
SOSFA	1.424	1.424

PROPOSED RATE

GENERAL RATE G-1

DELIVERY SERVICES:

CUSTOMER	PER BILL	
	FIRST 10	OVER 10
DISTRIBUTION (DEMAND)	\$0.00	\$5.36
TRANSMISSION	\$0.00	\$0.00
DISTRIBUTION (ENERGY)	3.683	0.453
TRANSITION	2.027	2.027
TRANSMISSION	0.721	0.721
PENSION ADJ FACTOR	0.076	0.076
TRANS RATE ADJ	0.003	0.003
DEFAULT SERV ADJ	0.440	0.440
DEMAND-SIDE MGT	0.250	0.250
RENEWABLE ENERGY	0.050	0.050
SUPPLIER SERVICES:		
STANDARD OFFER	5.100	5.100
SOSFA	1.222	1.222

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
GENERAL RATE G-1 (SEASONAL)

LF = CUM % BILLS	AVERAGE 0.248 WINTER KW	KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
			TOTAL	SUPPLIER DELIVERY	TOTAL	SUPPLIER DELIVERY	AMOUNT	%
10	0	0	\$5.53	\$5.53	\$6.10	\$0.00	\$0.57	10.3%
20	0	0	\$5.53	\$5.53	\$6.10	\$0.00	0.57	10.3%
30	0	0	\$5.53	\$5.53	\$6.10	\$0.00	0.57	10.3%
40	0	0	\$5.53	\$5.53	\$6.10	\$0.00	0.57	10.3%
50	0	7	\$6.74	\$6.31	\$7.33	\$0.44	0.59	8.8%
60	0	47	\$13.65	\$10.77	\$14.36	\$2.97	0.71	5.2%
70	1	140	\$29.70	\$21.13	\$30.72	\$8.85	1.02	3.4%
80	2	377	\$70.63	\$47.54	\$72.40	\$23.83	1.77	2.5%
90	6	1,009	\$179.75	\$117.96	\$183.56	\$63.79	3.81	2.1%
AVG USE	5	876	\$156.79	\$103.14	\$160.17	\$55.38	3.38	2.2%

PRESENT RATE

GENERAL RATE G-1 MDTE NO. 330 (SEASONAL)

DELIVERY SERVICES:

CUSTOMER	\$5.53		PER BILL	
	FIRST 10	OVER 10	PER KW	PER KW
DISTRIBUTION (DEMAND)	\$0.00	\$4.31	PER KW	PER KW
TRANSMISSION	\$0.00	\$0.00	PER KW	PER KW
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DISTRIBUTION (ENERGY)	7.220	2.035	CENTS/KWH	CENTS/KWH
TRANSITION	3.030	3.030	"	"
TRANSMISSION	0.593	0.593	"	"
PENSION ADJ FACTOR	0.000	0.000	"	"
TRANS RATE ADJ	0.000	0.000	"	"
DEFAULT SERV ADJ	0.000	0.000	"	"
DEMAND-SIDE MGT	0.250	0.250	"	"
RENEWABLE ENERGY	0.050	0.050	"	"
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SUPPLIER SERVICES:				
STANDARD OFFER	4.700	4.700	CENTS/KWH	CENTS/KWH
SOSFA	1.424	1.424	"	"

PROPOSED RATE

GENERAL RATE G-1 (SEASONAL)

DELIVERY SERVICES:

CUSTOMER	\$6.10		PER BILL	
	FIRST 10	OVER 10	PER KW	PER KW
DISTRIBUTION (DEMAND)	\$0.00	\$4.76	PER KW	PER KW
TRANSMISSION	\$0.00	\$0.00	PER KW	PER KW
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DISTRIBUTION (ENERGY)	7.487	1.766	CENTS/KWH	CENTS/KWH
TRANSITION	2.027	2.027	"	"
TRANSMISSION	0.933	0.933	"	"
PENSION ADJ FACTOR	0.076	0.076	"	"
TRANS RATE ADJ	0.003	0.003	"	"
DEFAULT SERV ADJ	0.440	0.440	"	"
DEMAND-SIDE MGT	0.250	0.250	"	"
RENEWABLE ENERGY	0.050	0.050	"	"
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SUPPLIER SERVICES:				
STANDARD OFFER	5.100	5.100	CENTS/KWH	CENTS/KWH
SOSFA	1.222	1.222	"	"

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
GENERAL RATE G-1 (SEASONAL)

LF = CUM % BILLS	AVERAGE 0.248 SUMMER KW	KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE AMOUNT	%
			TOTAL	SUPPLIER DELIVERY	TOTAL	SUPPLIER DELIVERY		
10	0	0	\$5.53	\$0.00 \$5.53	\$6.10	\$0.00 \$6.10	\$0.57	10.3%
20	0	24	\$9.67	\$1.47 \$8.20	\$10.32	\$1.52 \$8.80	0.65	6.7%
30	1	102	\$23.15	\$6.25 \$16.90	\$24.04	\$8.45 \$17.59	0.89	3.8%
40	1	238	\$46.63	\$14.58 \$32.05	\$47.96	\$15.05 \$32.91	1.33	2.9%
50	2	446	\$82.54	\$27.31 \$55.23	\$84.54	\$28.20 \$56.34	2.00	2.4%
60	4	755	\$135.90	\$46.24 \$89.66	\$138.89	\$47.73 \$91.16	2.99	2.2%
70	7	1,256	\$222.41	\$76.92 \$145.49	\$227.00	\$79.40 \$147.60	4.59	2.1%
80	13	2,265	\$385.45	\$138.71 \$246.74	\$392.13	\$143.19 \$248.94	6.68	1.7%
90	28	5,062	\$788.03	\$310.00 \$478.03	\$795.45	\$320.02 \$475.43	7.42	0.9%
AVG USE	6	1,079	\$191.84	\$66.08 \$125.76	\$195.87	\$68.21 \$127.66	4.03	2.1%

PRESENT RATE

GENERAL RATE G-1 MDTE NO. 330 (SEASONAL)

DELIVERY SERVICES:

CUSTOMER	FIRST 10	OVER 10	\$5.53	PER BILL
DISTRIBUTION (DEMAND)	\$0.00	\$4.31		PER KW
TRANSMISSION	\$0.00	\$0.00		PER KW
<hr/>				
	< 1800 KWH		> 1800 KWH	
DISTRIBUTION (ENERGY)	7.220	2.035	CENTS/KWH	
TRANSMISSION	3.030	3.030	"	
TRANSMISSION	0.593	0.593	"	
PENSION ADJ FACTOR	0.000	0.000	"	
TRANS RATE ADJ	0.000	0.000	"	
DEFAULT SERV ADJ	0.000	0.000	"	
DEMAND-SIDE MGT	0.250	0.250	"	
RENEWABLE ENERGY	0.050	0.050	"	
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SUPPLIER SERVICES:				
STANDARD OFFER	4.700	4.700	CENTS/KWH	
SOSFA	1.424	1.424	"	

PROPOSED RATE

GENERAL RATE G-1 (SEASONAL)

DELIVERY SERVICES:

CUSTOMER	\$6.10		PER BILL
	FIRST 10	OVER 10	
DISTRIBUTION (DEMAND)	\$0.00	\$4.76	PER KW
DISTRIBUTION (DEMAND)	\$0.00	\$0.00	PER KW
<hr/>			
	< 1800 KWH		> 1800 KWH
DISTRIBUTION (ENERGY)	7.487	1.766	CENTS/KWH
TRANSITION	2.027	2.027	"
TRANSMISSION	0.933	0.933	"
PENSION ADJ FACTOR	0.076	0.076	"
TRANS RATE ADJ	0.003	0.003	"
DEFAULT SERV ADJ	0.440	0.440	"
DEMAND-SIDE MGT	0.250	0.250	"
RENEWABLE ENERGY	0.050	0.050	"
<hr/>			
SUPPLIER SERVICES:			
STANDARD OFFER	5.100	5.100	CENTS/KWH
SOSFA	1.222	1.222	"

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
MEDIUM GENERAL TOU RATE G-2 (SECONDARY)

LF = CUM % BILLS	AVERAGE 0.512 MONTHLY KVA	KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
			TOTAL	SUPPLIER DELIVERY	TOTAL	SUPPLIER DELIVERY	AMOUNT	%
	100	37,403	\$4,572	\$2,291	\$4,494	\$2,365	\$2,129	-1.7%
	150	56,105	\$6,677	\$3,436	\$6,542	\$3,547	\$2,995	-2.0%
	200	74,807	\$8,783	\$4,581	\$8,591	\$4,729	\$3,862	-2.2%
	250	93,508	\$10,889	\$5,726	\$10,639	\$5,912	\$4,728	-2.3%
	300	112,210	\$12,994	\$6,872	\$12,687	\$7,094	\$5,594	-2.4%
	350	130,912	\$15,100	\$8,017	\$14,736	\$8,276	\$6,460	-2.4%
	400	149,613	\$17,206	\$9,162	\$16,784	\$9,459	\$7,326	-2.5%
	450	168,315	\$19,312	\$10,308	\$18,833	\$10,641	\$8,192	-2.5%
	500	187,017	\$21,417	\$11,453	\$20,881	\$11,823	\$9,058	-2.5%
AVG USE	272	101,737	\$11,815	\$6,230	\$11,540	\$6,432	\$5,109	-2.3%

PRESENT RATE

MEDIUM GENERAL TOU RATE G-2 MDTE NO. 331 (SECONDARY)

DELIVERY SERVICES:

CUSTOMER

\$360.13 PER BILL

DISTRIBUTION (DEMAND)
TRANSMISSION (DEMAND)

\$1.53 PER KW
\$1.35 PER KW

	PEAK	27.08%	LOW A		LOW B		46.12%
			1.403	1.120	0.593	0.593	
DISTRIBUTION (ENERGY)			3.030	3.030	3.030	3.030	
TRANSMISSION			0.082	0.082	0.082	0.082	
PENSION ADJ FACTOR			0.000	0.000	0.000	0.000	
TRANS RATE ADJ			0.000	0.000	0.000	0.000	
DEFAULT SERV ADJ			0.000	0.000	0.000	0.000	
DEMAND-SIDE MGT			0.250	0.250	0.250	0.250	
RENEWABLE ENERGY			0.050	0.050	0.050	0.050	

SUPPLIER SERVICES:

STANDARD OFFER
SOSFA

4.700 CENTS/KWH
1.424 "

PROPOSED RATE

MEDIUM GENERAL TOU RATE G-2 (SECONDARY)

DELIVERY SERVICES:

CUSTOMER

\$397.33 PER BILL

DISTRIBUTION (DEMAND)
TRANSMISSION (DEMAND)

\$0.64 PER KW
\$2.42 PER KW

	PEAK	27.08%	LOW A		LOW B		46.12%
			1.456	1.143	0.561	0.561	
DISTRIBUTION (ENERGY)			2.027	2.027	2.027	2.027	
TRANSMISSION			0.000	0.000	0.000	0.000	
PENSION ADJ FACTOR			0.076	0.076	0.076	0.076	
TRANS RATE ADJ			0.010	0.010	0.010	0.010	
DEFAULT SERV ADJ			0.440	0.440	0.440	0.440	
DEMAND-SIDE MGT			0.250	0.250	0.250	0.250	
RENEWABLE ENERGY			0.050	0.050	0.050	0.050	

SUPPLIER SERVICES:

STANDARD OFFER
SOSFA

5.100 CENTS/KWH
1.222 "

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
MEDIUM GENERAL TOU RATE G-2 (SECONDARY)

LF = CUM % BILLS	HIGH 0.712 KVA	MONTHLY KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
			TOTAL	SUPPLIER DELIVERY	TOTAL	SUPPLIER DELIVERY	AMOUNT	%
	100	51,976	\$6,100	\$3,183	\$5,971	\$3,286	\$2,685	-2.1%
	150	77,964	\$8,970	\$4,775	\$8,758	\$4,929	\$3,829	-2.4%
	200	103,952	\$11,840	\$6,366	\$11,544	\$6,572	\$4,972	-2.5%
	250	129,940	\$14,710	\$7,958	\$14,331	\$8,215	\$6,116	-2.6%
	300	155,928	\$17,580	\$9,549	\$17,118	\$9,858	\$7,260	-2.6%
	350	181,916	\$20,450	\$11,141	\$19,905	\$11,501	\$8,404	-2.7%
	400	207,904	\$23,320	\$12,732	\$22,691	\$13,144	\$9,548	-2.7%
	450	233,892	\$26,190	\$14,324	\$25,478	\$14,787	\$10,691	-2.7%
	500	259,880	\$29,060	\$15,915	\$28,265	\$16,430	\$11,835	-2.7%
AVG. USE	272	141,375	\$15,973	\$8,658	\$15,557	\$8,938	\$8,620	-2.6%

PRESENT RATE

MEDIUM GENERAL TOU RATE G-2 MDTE NO. 331 (SECONDARY)

DELIVERY SERVICES:

CUSTOMER

\$380.13 PER BILL

DISTRIBUTION (DEMAND)
TRANSMISSION (DEMAND)

\$1.53 PER KW
\$1.35 PER KW

PEAK	LOW A	LOW B	CENTS/KWH
27.08%	28.80%	46.12%	
1.403	1.120	0.593	
3.030	3.030	3.030	
0.082	0.082	0.082	
0.000	0.000	0.000	
0.000	0.000	0.000	
0.000	0.000	0.000	
0.000	0.000	0.000	
0.250	0.250	0.250	
0.050	0.050	0.050	

SUPPLIER SERVICES:

STANDARD OFFER
SOSFA

4.700 CENTS/KWH
1.424

PROPOSED RATE

MEDIUM GENERAL TOU RATE G-2 (SECONDARY)

DELIVERY SERVICES:

CUSTOMER

\$397.33 PER BILL

DISTRIBUTION (DEMAND)
TRANSMISSION (DEMAND)

\$0.64 PER KW
\$2.42 PER KW

PEAK	LOW A	LOW B	CENTS/KWH
27.08%	28.80%	46.12%	
1.456	1.143	0.561	
2.027	2.027	2.027	
0.000	0.000	0.000	
0.076	0.076	0.076	
0.010	0.010	0.010	
0.440	0.440	0.440	
0.250	0.250	0.250	
0.050	0.050	0.050	

SUPPLIER SERVICES:

STANDARD OFFER
SOSFA

5.100 CENTS/KWH
1.222

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
MEDIUM GENERAL TOU RATE G-2 (SECONDARY)

LF = CUM % BILLS	LOW 0.312 MONTHLY KVA	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
		TOTAL	DELIVERY	TOTAL	DELIVERY	AMOUNT	%
	100	\$3,037	\$1,642	\$3,012	\$1,572	(\$26)	-0.8%
	150	\$4,376	\$2,284	\$4,319	\$2,159	(\$6.87)	-1.3%
	200	\$5,714	\$2,925	\$5,628	\$2,746	(\$8.22)	-1.5%
	250	\$7,053	\$3,566	\$6,933	\$3,334	(\$119.58)	-1.7%
	300	\$8,391	\$4,184	\$8,241	\$3,921	(\$150.95)	-1.8%
	350	\$9,730	\$4,882	\$9,548	\$4,508	(\$182.30)	-1.9%
	400	\$11,069	\$5,579	\$10,855	\$5,095	(\$213.66)	-1.9%
	450	\$12,407	\$6,277	\$12,162	\$5,480	(\$245.01)	-2.0%
	500	\$13,746	\$6,974	\$13,469	\$6,270	(\$276.38)	-2.0%
AVG USE	272	\$7,642	\$3,794	\$7,508	\$3,917	(\$133.38)	-1.7%

PRESENT RATE

MEDIUM GENERAL TOU RATE G-2 MDTE NO. 331 (SECONDARY)

DELIVERY SERVICES:

CUSTOMER

\$360.13 PER BILL

DISTRIBUTION (DEMAND)
TRANSMISSION (DEMAND)

\$1.53 PER KW
\$1.35 PER KW

PEAK	27.08%	LOW A	26.80%	LOW B	46.12%	CENTS/KWH
DISTRIBUTION (ENERGY)	1.403	1.120	0.593			
TRANSITION	3.030	3.030	3.030			
TRANSMISSION	0.082	0.082	0.082			
PENSION ADJ FACTOR	0.000	0.000	0.000			
TRANS RATE ADJ	0.000	0.000	0.000			
DEFAULT SERV ADJ	0.000	0.000	0.000			
DEMAND-SIDE MGT	0.250	0.250	0.250			
RENEWABLE ENERGY	0.050	0.050	0.050			

SUPPLIER SERVICES:

STANDARD OFFER
SOSFA

4.700 4.700 4.700
1.424 1.424 1.424

PROPOSED RATE

MEDIUM GENERAL TOU RATE G-2 (SECONDARY)

DELIVERY SERVICES:

CUSTOMER

\$397.33 PER BILL

DISTRIBUTION (DEMAND)
TRANSMISSION (DEMAND)

\$0.64 PER KW
\$2.42 PER KW

PEAK	27.08%	LOW A	26.80%	LOW B	46.12%	CENTS/KWH
DISTRIBUTION (ENERGY)	1.456	1.143	0.561			
TRANSITION	2.027	2.027	2.027			
TRANSMISSION	0.000	0.000	0.000			
PENSION ADJ FACTOR	0.076	0.076	0.076			
TRANS RATE ADJ	0.010	0.010	0.010			
DEFAULT SERV ADJ	0.440	0.440	0.440			
DEMAND-SIDE MGT	0.250	0.250	0.250			
RENEWABLE ENERGY	0.050	0.050	0.050			

SUPPLIER SERVICES:

STANDARD OFFER
SOSFA

5.100 5.100 5.100
1.222 1.222 1.222

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
LARGE GENERAL TOU RATE G-3 (SECONDARY)

LF = CUM % BILLS	AVERAGE 0.521 MONTHLY KVA	KWH	TOTAL	PRESENT RATE SUPPLIER	DELIVERY	TOTAL	PROPOSED RATE SUPPLIER	DELIVERY	DIFFERENCE AMOUNT	%
	2400	912,792	\$98,958	\$55,899	\$44,059	\$97,113	\$57,707	\$39,407	(\$2,845)	-2.8%
	2800	1,064,924	\$116,468	\$65,216	\$51,252	\$113,133	\$67,325	\$45,809	(\$3,335)	-2.9%
	3200	1,217,056	\$132,978	\$74,533	\$58,445	\$129,153	\$76,942	\$52,211	(\$3,824)	-2.9%
	3600	1,369,188	\$149,487	\$83,849	\$65,638	\$145,173	\$86,560	\$58,613	(\$4,314)	-2.9%
	4000	1,521,320	\$165,997	\$93,166	\$72,831	\$161,193	\$96,178	\$65,015	(\$4,804)	-2.9%
	4400	1,673,452	\$182,507	\$102,482	\$80,025	\$177,213	\$105,796	\$71,418	(\$5,293)	-2.9%
	4800	1,825,584	\$199,016	\$111,799	\$87,218	\$193,233	\$115,413	\$77,820	(\$5,783)	-2.9%
	5200	1,977,716	\$215,526	\$121,115	\$94,411	\$209,253	\$125,031	\$84,222	(\$6,273)	-2.9%
	6000	2,281,980	\$248,546	\$139,748	\$108,797	\$241,293	\$144,267	\$97,027	(\$7,252)	-2.9%
AVG USE	4162	1,582,933	\$172,683	\$96,939	\$75,745	\$167,681	\$100,073	\$67,608	(\$5,002)	-2.9%

PRESENT RATE

LARGE GENERAL TOU RATE G-3 MDTE NO. 332 (SECONDARY)

DELIVERY SERVICES:

CUSTOMER

PER BILL

DELIVERY SERVICES:

CUSTOMER

PER BILL

DISTRIBUTION (DEMAND)
TRANSMISSION (DEMAND)
TRANSITION (DEMAND)

PER KW

DISTRIBUTION (DEMAND)
TRANSMISSION (DEMAND)
TRANSITION (DEMAND)

PER KW

	PEAK	25.93%	LOW A	26.06%	LOW B	48.02%
DISTRIBUTION (ENERGY)	0.871	0.417	0.771	0.417	0.771	0.417
TRANSMISSION	2.681	2.252	2.472	2.252	2.472	2.252
TRANSITION	0.000	0.000	0.000	0.000	0.000	0.000
PENSION ADJ FACTOR	0.000	0.000	0.000	0.000	0.000	0.000
TRANS RATE ADJ	0.000	0.000	0.000	0.000	0.000	0.000
DEFAULT SERV ADJ	0.000	0.000	0.000	0.000	0.000	0.000
DEMAND-SIDE MGT	0.250	0.250	0.250	0.250	0.250	0.250
RENEWABLE ENERGY	0.050	0.050	0.050	0.050	0.050	0.050

SUPPLIER SERVICES:

STANDARD OFFER
SOSFA

SUPPLIER SERVICES:

STANDARD OFFER
SOSFA

5.100 1.222 5.100 1.222 5.100 1.222

STANDARD OFFER
SOSFA

STANDARD OFFER
SOSFA

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
LARGE GENERAL TOU RATE G-3 (SECONDARY)

LF = CUM % BILLS	LOW 0.321 MONTHLY KVA	KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
			TOTAL	SUPPLIER DELIVERY	TOTAL	SUPPLIER DELIVERY	AMOUNT	%
	2400	562,392	\$68,769	\$34,441	\$65,291	\$35,554	\$29,737	-2.2%
	2800	656,124	\$77,747	\$40,181	\$76,008	\$41,480	\$34,527	-2.2%
	3200	749,856	\$88,725	\$45,921	\$86,724	\$47,406	\$39,318	-2.3%
	3600	843,588	\$99,703	\$51,661	\$97,440	\$53,332	\$44,109	-2.3%
	4000	937,320	\$110,681	\$57,401	\$108,157	\$59,257	\$48,899	-2.3%
	4400	1,031,052	\$121,660	\$63,142	\$118,873	\$65,183	\$53,690	-2.3%
	4800	1,124,784	\$132,638	\$68,882	\$129,589	\$71,109	\$58,481	-2.3%
	5200	1,218,516	\$143,616	\$74,622	\$140,306	\$77,035	\$63,271	-2.3%
	6000	1,405,980	\$165,572	\$86,102	\$161,739	\$88,886	\$72,853	-2.3%
AVG USE	4162	975,281	\$115,128	\$59,726	\$112,497	\$61,657	\$50,840	-2.3%

PRESENT RATE

LARGE GENERAL TOU RATE G-3 MDTE NO. 332 (SECONDARY)

DELIVERY SERVICES:

CUSTOMER		PER BILL	\$900.00		PER BILL	\$993.11
DISTRIBUTION (DEMAND)		PER KW	\$0.88		PER KW	\$1.09
TRANSMISSION (DEMAND)			\$2.59			\$1.86
TRANSITION (DEMAND)			\$1.78			\$2.56
DISTRIBUTION (ENERGY)	PEAK	LOW A	LOW B	LOW A	LOW B	
TRANSITION	25.93%	26.06%	48.02%	25.93%	26.06%	48.02%
TRANSMISSION	0.871	0.771	0.417	0.740	0.513	0.012
PENSION ADJ FACTOR	2.881	2.472	2.252	1.723	1.637	1.555
TRANS RATE ADJ	0.000	0.000	0.000	0.000	0.000	0.000
DEFAULT SERV ADJ	0.000	0.000	0.000	0.076	0.076	0.076
DEMAND-SIDE MGT	0.000	0.000	0.000	-0.008	-0.008	-0.008
RENEWABLE ENERGY	0.250	0.250	0.250	0.440	0.440	0.440
	0.050	0.050	0.050	0.250	0.250	0.250
SUPPLIER SERVICES:				0.050	0.050	0.050
STANDARD OFFER	4.700	4.700	4.700	5.100	5.100	5.100
SOSFA	1.424	1.424	1.424	1.222	1.222	1.222

PROPOSED RATE

LARGE GENERAL TOU RATE G-3 (SECONDARY)

DELIVERY SERVICES:

CUSTOMER		PER BILL	\$993.11		PER BILL	\$993.11
DISTRIBUTION (DEMAND)		PER KW	\$1.09		PER KW	\$1.09
TRANSMISSION (DEMAND)			\$1.86			\$1.86
TRANSITION (DEMAND)			\$2.56			\$2.56
DISTRIBUTION (ENERGY)	PEAK	LOW A	LOW B	PEAK	LOW A	LOW B
TRANSITION	25.93%	26.06%	48.02%	25.93%	26.06%	48.02%
TRANSMISSION	0.871	0.771	0.417	0.740	0.513	0.012
PENSION ADJ FACTOR	2.881	2.472	2.252	1.723	1.637	1.555
TRANS RATE ADJ	0.000	0.000	0.000	0.000	0.000	0.000
DEFAULT SERV ADJ	0.000	0.000	0.000	0.076	0.076	0.076
DEMAND-SIDE MGT	0.000	0.000	0.000	-0.008	-0.008	-0.008
RENEWABLE ENERGY	0.250	0.250	0.250	0.440	0.440	0.440
	0.050	0.050	0.050	0.250	0.250	0.250
SUPPLIER SERVICES:				0.050	0.050	0.050
STANDARD OFFER	4.700	4.700	4.700	5.100	5.100	5.100
SOSFA	1.424	1.424	1.424	1.222	1.222	1.222

PRESENT RATE

DELIVERY SERVICES:

\$5.53 PER BILL

CUSTOMER

\$6.10 PER BILL

DISTRIBUTION (DEMAND)
TRANSMISSION (DEMAND)

\$1.75 PER KW

DISTRIBUTION (DEMAND)
TRANSMISSION (DEMAND)

\$1.45	PER KW
\$1.14	

DISTRIBUTION (ENERGY)
TRANSITION
TRANSMISSION
PENSION ADJ FACTOR
TRANS RATE ADJ
DEFAULT SERV ADJ
DEMAND-SIDE MGT
RENEWABLE ENERGY

ALL KWH @	CENTS/KWH
1.623	"
3.030	"
0.050	"
0.000	"
0.000	"
0.000	"
0.250	"
0.050	"

DISTRIBUTION (ENERGY)	ALL KWH @
TRANSITION	" "
TRANSMISSION (ENERGY)	" "
PENSION ADJ FACTOR	" "
TRANS RATE ADJ	" "
DEFAULT SERV ADJ	" "
DEMAND-SIDE MGT	" "
RENEWABLE ENERGY	" "

1.404	CENTS/KWH
2.027	" "
0.303	" "
0.076	" "
0.000	" "
0.440	" "
0.250	" "
0.050	" "

SUPPLIER SERVICES:

STANDARD OFFER
SOSFA

4.700	CENTS/KWH
1.424	" "

STANDARD OFFER
SOSFA

5.100 CENTS/KWH	" "
1.222	" "

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
GENERAL POWER RATE G-4

LF = CUM % BILLS	HIGH 0.325 MONTHLY KVA	MONTHLY KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
			TOTAL	SUPPLIER	TOTAL	SUPPLIER	AMOUNT	%
10	8	1,790	\$224	\$109.62	\$221.43	\$113.16	(\$2.79)	-1.2%
20	10	2,260	\$281	\$138.39	\$277.70	\$142.87	(\$4)	-1.3%
30	15	3,555	\$438	\$217.71	\$431.46	\$224.75	(\$6)	-1.4%
40	19	4,443	\$546	\$272.07	\$538.34	\$280.87	(\$8)	-1.4%
50	23	5,341	\$656	\$327.10	\$646.38	\$337.67	(\$10)	-1.5%
60	32	7,535	\$922	\$461.47	\$908.25	\$476.39	(\$14)	-1.5%
70	40	9,456	\$1,155	\$579.11	\$1,137.82	\$597.83	(\$18)	-1.5%
80	53	12,681	\$1,546	\$776.60	\$1,522.12	\$801.71	(\$24)	-1.5%
90	77	18,255	\$2,225	\$1,117.94	\$2,190.27	\$1,154.08	(\$34)	-1.5%
AVG USE	36	8,656	\$1,057	\$530.10	\$1,040.46	\$547.24	(\$16)	-1.5%

PRESENT RATE

GENERAL POWER RATE G-4 MDTE NO. 333

DELIVERY SERVICES:

CUSTOMER	\$5.53	PER BILL
DISTRIBUTION (DEMAND)	\$1.75	PER KW
TRANSMISSION (DEMAND)	\$0.69	

PROPOSED RATE

GENERAL POWER RATE G-4

DELIVERY SERVICES:

CUSTOMER	\$6.10	PER BILL
DISTRIBUTION (DEMAND)	\$1.45	PER KW
TRANSMISSION (DEMAND)	\$1.14	
DISTRIBUTION (ENERGY)	1.404	CENTS/KWH
TRANSITION	2.027	" "
TRANSMISSION (ENERGY)	0.303	" "
PENSION ADJ FACTOR	0.078	" "
TRANS RATE ADJ	0.000	" "
DEFAULT SERV ADJ	0.440	" "
DEMAND-SIDE MGT	0.250	" "
RENEWABLE ENERGY	0.050	" "
SUPPLIER SERVICES:		
STANDARD OFFER	5.100	CENTS/KWH
SOSFA	1.222	" "

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
COMMERCIAL SPACE HEATING RATE G-5

CUM % BILLS	CUM % KWH	MONTHLY KWH	TOTAL	PRESENT RATE SUPPLIER	DELIVERY	TOTAL	PROPOSED RATE SUPPLIER	DELIVERY	DIFFERENCE AMOUNT	DIFFERENCE %
10	0	0	\$5.40	\$0.00	\$5.40	\$5.96	\$0.00	\$5.96	\$0.56	10.4%
20	0	24	\$8.52	\$1.45	\$7.07	\$9.06	\$1.50	\$7.56	\$0.54	6.3%
30	0	84	\$16.40	\$5.12	\$11.28	\$16.87	\$5.28	\$11.59	\$0.47	2.9%
40	2	185	\$29.72	\$11.32	\$18.40	\$30.09	\$11.68	\$18.41	\$0.37	1.2%
50	3	316	\$46.94	\$19.33	\$27.61	\$47.17	\$19.95	\$27.22	\$0.23	0.5%
60	6	496	\$70.74	\$30.40	\$40.34	\$70.78	\$31.38	\$39.40	\$0.04	0.1%
70	12	828	\$114.37	\$50.70	\$63.67	\$114.07	\$52.34	\$61.73	-\$0.30	-0.3%
80	21	1,428	\$193.38	\$87.46	\$105.92	\$192.45	\$90.29	\$102.16	-\$0.93	-0.5%
90	37	2,852	\$380.83	\$174.68	\$206.15	\$378.41	\$180.32	\$198.09	-\$2.42	-0.6%
AVG USE		1,573	\$212.44	\$96.33	\$116.11	\$211.36	\$99.45	\$111.91	-\$1.08	-0.5%

PRESENT RATE

COMMERCIAL SPACE HEATING RATE G-5 MDTE NO. 334

DELIVERY SERVICES:

CUSTOMER

\$5.40 PER BILL

PROPOSED RATE

COMMERCIAL SPACE HEATING RATE G-5

DELIVERY SERVICES:

CUSTOMER

\$5.96 PER BILL

DISTRIBUTION (ENERGY)	ALL KWH @	3.230	CENTS/KWH	DISTRIBUTION (ENERGY) ALL KWH @	3.179	CENTS/KWH
TRANSITION	"	3.030	"	TRANSITION	2.027	"
TRANSMISSION	"	0.478	"	TRANSMISSION (ENERGY)	0.714	"
PENSION ADJ FACTOR	"	0.000	"	PENSION ADJ FACTOR	0.076	"
TRANS RATE ADJ	"	0.000	"	TRANS RATE ADJ	0.000	"
DEFAULT SERV ADJ	"	0.000	"	DEFAULT SERV ADJ	0.440	"
DEMAND-SIDE MGT	"	0.250	"	DEMAND-SIDE MGT	0.250	"
RENEWABLE ENERGY	"	0.050	"	RENEWABLE ENERGY	0.050	"

SUPPLIER SERVICES:

STANDARD OFFER
SOSFA

4.700 CENTS/KWH
1.424

SUPPLIER SERVICES:

STANDARD OFFER
SOSFA

5.100 CENTS/KWH
1.222

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
ALL ELECTRIC SCHOOLS RATE G-6

CUM % BILLS	CUM % KWH	MONTHLY KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
			TOTAL	SUPPLIER	TOTAL	SUPPLIER	AMOUNT	%
10	1	7,440	\$855.06	\$455.63	\$834.43	\$470.36	-\$20.63	-2.4%
20	3	18,000	\$2,030.17	\$1,102.32	\$1,976.28	\$1,137.96	-\$53.89	-2.7%
30	5	30,000	\$3,385.53	\$1,837.20	\$3,273.85	\$1,896.60	-\$91.68	-2.7%
40	10	38,160	\$4,273.58	\$2,336.92	\$4,156.21	\$2,412.48	-\$117.37	-2.7%
50	15	44,340	\$4,961.28	\$2,715.38	\$4,824.45	\$2,803.17	-\$136.83	-2.8%
60	27	54,081	\$6,045.30	\$3,311.94	\$5,877.78	\$3,419.02	-\$167.52	-2.8%
70	33	63,240	\$7,064.48	\$3,872.82	\$6,868.12	\$3,998.03	-\$196.36	-2.8%
80	43	95,220	\$10,623.21	\$5,831.27	\$10,326.15	\$6,019.81	-\$297.06	-2.8%
90	65	125,370	\$13,978.30	\$7,677.66	\$13,586.29	\$7,925.89	-\$392.01	-2.8%
AVG USE		101,797	\$11,355.07	\$6,234.03	\$11,037.29	\$6,435.59	-\$317.78	-2.8%

PRESENT RATE

ALL ELECTRIC SCHOOLS RATE G-6 MDTE NO. 335

DELIVERY SERVICES:

CUSTOMER

\$27.13 PER BILL

PROPOSED RATE

ALL ELECTRIC SCHOOLS RATE G-6

DELIVERY SERVICES:

CUSTOMER

\$29.93 PER BILL

DISTRIBUTION (ENERGY) TRANSITION PENSION ADJ FACTOR TRANS RATE ADJ DEFAULT SERV ADJ DEMAND-SIDE MGT RENEWABLE ENERGY	ALL KWH @	CENTS/KWH	DISTRIBUTION (ENERGY) TRANSITION PENSION ADJ FACTOR TRANS RATE ADJ DEFAULT SERV ADJ DEMAND-SIDE MGT RENEWABLE ENERGY	ALL KWH @	CENTS/KWH
		1.259			1.057
		3.030			2.027
		0.415			0.591
		0.000			0.076
		0.000			0.000
		0.000			0.440
		0.250			0.250
		0.050			0.050
SUPPLIER SERVICES:					
STANDARD OFFER SOSFA	ALL KWH @	4.700	STANDARD OFFER SOSFA	ALL KWH @	5.100
		1.424			1.222

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
SMALL GENERAL TOL RATE G-7 (ANNUAL)

LF = CUM % BILLS	AVERAGE 0.466 MONTHLY		PRESENT RATE		PROPOSED RATE		DIFFERENCE		
	KW	KWH	TOTAL	SUPPLIER DELIVERY	TOTAL	SUPPLIER DELIVERY	AMOUNT	%	
10	0	29	\$12.30	\$1.78	\$13.15	\$1.83	\$11.32	\$0.85	6.9%
20	1	491	\$67.29	\$30.07	\$67.15	\$31.04	\$36.11	(\$0.14)	-0.2%
30	3	908	\$122.07	\$55.63	\$121.35	\$57.42	\$63.93	(\$0.72)	-0.6%
40	6	1,987	\$253.56	\$121.88	\$250.73	\$125.62	\$125.11	(\$2.83)	-1.1%
50	12	4,013	\$502.25	\$245.76	\$495.52	\$253.70	\$241.82	(\$6.73)	-1.3%
60	25	8,483	\$1,049.86	\$519.52	\$1,034.49	\$536.32	\$498.17	(\$15.37)	-1.5%
70	35	11,755	\$1,452.88	\$719.88	\$1,431.34	\$743.15	\$688.19	(\$21.54)	-1.5%
80	43	14,470	\$1,785.91	\$886.12	\$1,759.15	\$914.77	\$844.38	(\$26.76)	-1.5%
90	61	20,608	\$2,538.48	\$1,262.00	\$2,499.90	\$1,302.81	\$1,197.09	(\$38.58)	-1.5%
AVG USE	15	5,084	\$632.86	\$311.32	\$624.03	\$321.38	\$302.65	(\$8.83)	-1.4%

PRESENT RATE

SMALL GENERAL TOL RATE G-7 MDTE NO. 338 (ANNUAL)

DELIVERY SERVICES:

CUSTOMER	\$9.13	PER BILL
DISTRIBUTION (DEMAND)	\$3.35	PER KW
TRANSMISSION (DEMAND)	\$1.29	
DISTRIBUTION (ENERGY)	1.921	PEAK 23.58% OFF PK 76.42% CENTS/KWH
TRANSITION	3.030	
PENSION ADJ FACTOR	0.052	
TRANS RATE ADJ	0.000	
DEFAULT SERV ADJ	0.000	
DEMAND-SIDE MGT	0.250	
RENEWABLE ENERGY	0.050	
SUPPLIER SERVICES:		
STANDARD OFFER	4.700	4.700 CENTS/KWH
SOSFA	1.424	1.424

PROPOSED RATE

SMALL GENERAL TOL RATE G-7 (ANNUAL)

DELIVERY SERVICES:

CUSTOMER	\$10.07	PER BILL
DISTRIBUTION (DEMAND)	\$3.04	PER KW
TRANSMISSION (DEMAND)	\$1.90	
DISTRIBUTION (ENERGY)	1.985	PEAK 23.58% OFF PK 76.42% CENTS/KWH
TRANSITION	2.027	
PENSION ADJ FACTOR	0.076	
TRANS RATE ADJ	0.042	
DEFAULT SERV ADJ	0.440	
DEMAND-SIDE MGT	0.250	
RENEWABLE ENERGY	0.050	
SUPPLIER SERVICES:		
STANDARD OFFER	5.100	5.100 CENTS/KWH
SOSFA	1.222	1.222

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
SMALL GENERAL TOU RATE G-7 (ANNUAL)

HIGH LF = CUM % BILLS	MONTHLY KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
		TOTAL	SUPPLIER	TOTAL	SUPPLIER	AMOUNT	%
10	0	\$12.30	\$1.78	\$13.15	\$1.83	\$0.85	6.9%
20	1	\$67.29	\$30.07	\$67.15	\$31.04	(\$0.14)	-0.2%
30	2	\$117.43	\$55.63	\$116.41	\$57.42	(\$1.02)	-0.9%
40	4	\$244.28	\$121.68	\$240.85	\$125.62	(\$3.43)	-1.4%
50	8	\$483.69	\$245.76	\$475.76	\$253.70	(\$7.93)	-1.6%
60	17	\$1,012.74	\$519.52	\$994.97	\$536.32	(\$17.77)	-1.8%
70	24	\$1,401.84	\$719.88	\$1,377.00	\$743.15	(\$24.84)	-1.8%
80	30	\$1,725.59	\$886.12	\$1,694.93	\$914.77	(\$30.66)	-1.8%
90	42	\$2,450.32	\$1,262.00	\$2,406.04	\$1,302.81	(\$44.28)	-1.8%
AVG USE	10	\$609.66	\$311.32	\$599.33	\$321.38	(\$10.33)	-1.7%

PRESENT RATE

SMALL GENERAL TOU RATE G-7 MDTE NO. 336 (ANNUAL)

DELIVERY SERVICES:

CUSTOMER	\$9.13	PER BILL
DISTRIBUTION (DEMAND)	\$3.35	PER KW
TRANSMISSION (DEMAND)	\$1.29	
DISTRIBUTION (ENERGY)	1.921	1.232 CENTS/KWH
TRANSITION	3.030	" "
TRANSMISSION	0.052	" "
PENSION ADJ FACTOR	0.000	" "
TRANS RATE ADJ	0.000	" "
DEFAULT SERV ADJ	0.000	" "
DEMAND-SIDE MGT	0.250	" "
RENEWABLE ENERGY	0.050	" "
SUPPLIER SERVICES:		
STANDARD OFFER	4.700	4.700 CENTS/KWH
SOSFA	1.424	1.424

PROPOSED RATE

SMALL GENERAL TOU RATE G-7 (ANNUAL)

DELIVERY SERVICES:

CUSTOMER	\$10.07	PER BILL
DISTRIBUTION (DEMAND)	\$3.04	PER KW
TRANSMISSION (DEMAND)	\$1.90	
DISTRIBUTION (ENERGY)	1.995	1.234 CENTS/KWH
TRANSITION	2.027	" "
TRANSMISSION	0.000	" "
PENSION ADJ FACTOR	0.076	" "
TRANS RATE ADJ	0.042	" "
DEFAULT SERV ADJ	0.440	" "
DEMAND-SIDE MGT	0.250	" "
RENEWABLE ENERGY	0.050	" "
SUPPLIER SERVICES:		
STANDARD OFFER	5.100	5.100 CENTS/KWH
SOSFA	1.222	1.222

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
SMALL GENERAL TOU RATE G-7 (ANNUAL)

LF = CUM % BILLS	LOW 0.266 MONTHLY KW	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
		TOTAL	SUPPLIER	TOTAL	SUPPLIER	AMOUNT	%
10	0	\$12.30	\$1.78	\$13.15	\$1.83	\$0.85	6.9%
20	3	\$76.57	\$30.07	\$77.03	\$31.04	\$0.46	0.6%
30	5	\$131.35	\$55.63	\$131.23	\$57.42	(\$0.12)	-0.1%
40	10	\$272.12	\$121.68	\$270.49	\$125.62	(\$1.63)	-0.6%
50	21	\$544.01	\$245.76	\$539.98	\$253.70	(\$4.03)	-0.7%
60	44	\$1,136.02	\$519.52	\$1,128.35	\$536.32	(\$9.67)	-0.8%
70	61	\$1,573.52	\$719.88	\$1,559.78	\$743.15	(\$13.74)	-0.9%
80	75	\$1,934.39	\$866.12	\$1,917.23	\$914.77	(\$17.16)	-0.9%
90	106	\$2,747.28	\$1,262.00	\$2,722.20	\$1,302.81	(\$25.08)	-0.9%
AVG USE	26	\$683.90	\$311.32	\$678.37	\$321.38	(\$5.53)	-0.8%

PRESENT RATE

SMALL GENERAL TOU RATE G-7 MDTE NO. 336 (ANNUAL)

DELIVERY SERVICES:

CUSTOMER \$9.13 PER BILL

DISTRIBUTION (DEMAND) \$3.35 PER KW
TRANSMISSION (DEMAND) \$1.29

	PEAK	OFF PK	
	23.58%	76.42%	
DISTRIBUTION (ENERGY)	1.921	1.232	CENTS/KWH
TRANSITION	3.030	3.030	" "
TRANSMISSION	0.052	0.052	" "
PENSION ADJ FACTOR	0.000	0.000	" "
TRANS RATE ADJ	0.000	0.000	" "
DEFAULT SERV ADJ	0.000	0.000	" "
DEMAND-SIDE MGT	0.250	0.250	" "
RENEWABLE ENERGY	0.050	0.050	" "

SUPPLIER SERVICES:

STANDARD OFFER 4.700 CENTS/KWH
SOSFA 1.424 1.424

PROPOSED RATE

SMALL GENERAL TOU RATE G-7 (ANNUAL)

DELIVERY SERVICES:

CUSTOMER \$10.07 PER BILL

DISTRIBUTION (DEMAND) \$3.04 PER KW
TRANSMISSION (DEMAND) \$1.90

	PEAK	OFF PK	
	23.58%	76.42%	
DISTRIBUTION (ENERGY)	1.995	1.234	CENTS/KWH
TRANSITION	2.027	2.027	" "
TRANSMISSION	0.000	0.000	" "
PENSION ADJ FACTOR	0.076	0.076	" "
TRANS RATE ADJ	0.042	0.042	" "
DEFAULT SERV ADJ	0.440	0.440	" "
DEMAND-SIDE MGT	0.250	0.250	" "
RENEWABLE ENERGY	0.050	0.050	" "

SUPPLIER SERVICES:

STANDARD OFFER 5.100 CENTS/KWH
SOSFA 1.222 1.222

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
SMALL GENERAL TOU RATE G-7 (SEASONAL)

LF = CUM % BILLS	AVERAGE 0.172 WINTER KW	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
		TOTAL	SUPPLIER DELIVERY	TOTAL	SUPPLIER DELIVERY	AMOUNT	%
10	0	\$9.13	\$0.00	\$10.07	\$10.07	\$0.94	10.3%
20	39	\$801.03	\$302.53	\$612.83	\$500.52	\$11.80	1.5%
30	66	\$1,330.04	\$502.84	\$1,349.39	\$830.29	\$19.35	1.5%
40	79	\$1,599.60	\$606.34	\$1,622.56	\$996.62	\$22.96	1.4%
50	86	\$1,743.32	\$661.39	\$1,768.23	\$1,085.45	\$24.91	1.4%
60	92	\$1,852.26	\$701.81	\$1,878.85	\$1,154.35	\$26.59	1.4%
70	100	\$2,025.87	\$769.17	\$2,054.68	\$1,260.64	\$28.81	1.4%
80	116	\$2,344.74	\$890.43	\$2,378.01	\$1,458.79	\$33.27	1.4%
90	138	\$2,785.43	\$1,058.23	\$2,824.83	\$1,732.39	\$39.40	1.4%
AVG USE	7	\$155.82	\$56.46	\$158.71	\$100.42	\$2.89	1.9%

PRESENT RATE

SMALL GENERAL TOU RATE G-7 MDTE NO. 336 (SEASONAL)

DELIVERY SERVICES:

CUSTOMER		PER BILL	PER KW
DISTRIBUTION (DEMAND)		\$9.13	\$3.39
TRANSMISSION (DEMAND)			\$0.58
DISTRIBUTION (ENERGY)			
TRANSITION	PEAK	4.105	3.392
TRANSMISSION	OFF PK	3.030	3.030
PENSION ADJ FACTOR		0.000	0.000
TRANS RATE ADJ		0.000	0.000
DEFAULT SERV ADJ		0.000	0.000
DEMAND-SIDE MGT		0.250	0.250
RENEWABLE ENERGY		0.050	0.050
SUPPLIER SERVICES:			
STANDARD OFFER		4.700	4.700
SOSFA		1.424	1.424

PROPOSED RATE

SMALL GENERAL TOU RATE G-7 (SEASONAL)

DELIVERY SERVICES:

CUSTOMER		PER BILL	PER KW
DISTRIBUTION (DEMAND)		\$10.07	\$3.46
TRANSMISSION (DEMAND)			\$0.81
DISTRIBUTION (ENERGY)			
TRANSITION	PEAK	4.399	3.612
TRANSMISSION	OFF PK	2.027	2.027
PENSION ADJ FACTOR		0.005	0.005
TRANS RATE ADJ		0.076	0.076
DEFAULT SERV ADJ		0.042	0.042
DEMAND-SIDE MGT		0.440	0.440
RENEWABLE ENERGY		0.250	0.250
SUPPLIER SERVICES:			
STANDARD OFFER		5.100	5.100
SOSFA		1.222	1.222

COMMONWEALTH ELECTRIC COMPANY
TYPICAL BILL ANALYSIS
SMALL GENERAL TOU RATE G-7 (SEASONAL)

LF = CUM % BILLS	AVERAGE 0.172 KW	SUMMER KWH	PRESENT RATE		PROPOSED RATE		DIFFERENCE	
			TOTAL	SUPPLIER DELIVERY	TOTAL	SUPPLIER DELIVERY	AMOUNT	%
10	0	0	\$9.13	\$0.00 \$9.13	\$10.07	\$0.00 \$10.07	\$0.94	10.3%
20	62	7,745	\$1,254.07	\$474.30 \$779.77	\$1,272.29	\$489.64 \$782.65	\$18.22	1.5%
30	82	10,320	\$1,665.55	\$632.00 \$1,033.55	\$1,689.33	\$652.43 \$1,036.90	\$23.78	1.4%
40	98	11,989	\$1,938.36	\$734.21 \$1,204.15	\$1,984.06	\$757.94 \$1,206.12	\$27.70	1.4%
50	102	12,756	\$2,059.09	\$761.18 \$1,277.91	\$2,088.46	\$806.43 \$1,282.03	\$29.37	1.4%
60	108	13,523	\$2,181.82	\$828.15 \$1,353.67	\$2,212.86	\$854.92 \$1,357.94	\$31.04	1.4%
70	114	14,290	\$2,304.56	\$875.12 \$1,429.44	\$2,337.28	\$903.41 \$1,433.85	\$32.70	1.4%
80	119	14,924	\$2,406.17	\$913.95 \$1,492.22	\$2,440.28	\$943.50 \$1,496.78	\$34.11	1.4%
90	124	15,532	\$2,504.43	\$951.18 \$1,553.25	\$2,539.92	\$981.93 \$1,557.99	\$35.49	1.4%
AVG USE	7	922	\$155.82	\$56.46 \$99.36	\$158.71	\$58.29 \$100.42	\$2.89	1.9%

PRESENT RATE

SMALL GENERAL TOU RATE G-7 MDTE NO. 336 (SEASONAL)

DELIVERY SERVICES:

CUSTOMER	\$9.13	PER BILL
DISTRIBUTION (DEMAND)	\$3.39	PER KW
TRANSMISSION (DEMAND)	\$0.58	
DISTRIBUTION (ENERGY)	4.105	PEAK 7.02% 92.98% CENTS/KWH
TRANSMISSION	3.030	
PENSION ADJ FACTOR	0.000	
TRANS RATE ADJ	0.000	
DEFAULT SERV ADJ	0.000	
DEMAND-SIDE MGT	0.000	
RENEWABLE ENERGY	0.250	
SUPPLIER SERVICES:	0.050	
STANDARD OFFER	4.700	4.700 CENTS/KWH
SOSFA	1.424	1.424

PROPOSED RATE

SMALL GENERAL TOU RATE G-7 (SEASONAL)

DELIVERY SERVICES:

CUSTOMER	\$10.07	PER BILL
DISTRIBUTION (DEMAND)	\$3.46	PER KW
TRANSMISSION (DEMAND)	\$0.81	
DISTRIBUTION (ENERGY)	4.399	PEAK 7.02% 92.98% CENTS/KWH
TRANSMISSION	2.027	
PENSION ADJ FACTOR	0.005	
TRANS RATE ADJ	0.076	
DEFAULT SERV ADJ	0.042	
DEMAND-SIDE MGT	0.440	
RENEWABLE ENERGY	0.250	
SUPPLIER SERVICES:	0.050	
STANDARD OFFER	5.100	5.100 CENTS/KWH
SOSFA	1.222	1.222